

19991008.qrp v01\_n602.qrl.991008

Date: Fri, 8 Oct 1999 19:03:11 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1602

QRP-L Digest 1602

Topics covered in this issue include:

- 1) [52499] Re: BIG TUNA 2  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 2) [52500] Loop antennas & the fiberglass beam thingie again  
by Nils R Young <nilsbull@juno.com>
- 3) [52501] Re: BIG TUNA 2  
by "Richard Brummer, K2REB" <obvious@bestweb.net>
- 4) [52502] Re: TT2 Output LPF Redesign  
by "David D. Meacham" <ddm@datatamers.com>
- 5) [52503] NorCal Toroid Kit  
by Bruce Muscolino <w6toy@erols.com>
- 6) [52504] Re: BIG TUNA 2  
by Bob Nielsen <nielsen@primenet.com>
- 7) [52505] Re: mW Worked All States progress report  
by "Randy Jouett" <rules@bellsouth.net>
- 8) [52506] Re: Updated Modified MRX40/TT2 Schematic  
by "Nick Kennedy" <nkennedy@cswnet.com>
- 9) [52507] Trade Bird for rotator  
by James Skalski <jskalski@localnet.com>
- 10) [52508] Re: Keying (QRP) Rig from USB Port  
by "George T. Baker" <w5yr@swbell.net>
- 11) [52509] QRP...AND THE SATELLITE PROGRAM.....  
by "John F Marranca, Jr" <jmarran@juno.com>
- 12) [52510] ITEMS FOR SALE  
by Barry J Minsky <w2bj@juno.com>
- 13) [52511] Re: Fox Antlers "E.D.Z. Lazy-H"  
by "S LYON" <sslyon@worldnet.att.net>
- 14) [52512] Re: 2N2/40  
by PDouglas12@aol.com
- 15) [52513] Topo Maps  
by <SFIKE@twa.com>
- 16) [52514] On The Road Again  
by Richard Arland <k7sz@epix.net>
- 17) [52515] Poor Man's Paddles by N9JXY  
by Monte Stark <ku7y@dri.edu>
- 18) [52516] Re: Topo Maps  
by "Tom H" <hybiske@generalatronics.com>
- 19) [52517] Re: 2N2/40

- by "John J. McDonough" <jjmcd@tm.net>
- 20) [52518] To: Screwdriver Antenna owners  
by ka7you@juno.com
- 21) [52519] Re: HELP: COMPOSITION / MATERIALS USED IN SD-20 POLE  
by "James R. Duffey" <jamesd1@flash.net>
- 22) [52520] TT2 Output LPF Redesign  
by "David D. Meacham" <ddm@datatamers.com>
- 23) [52521] thanks for the response  
by Dennisskea@aol.com
- 24) [52522] QRPTTF results?  
by mwattcpa@earthlink.net (Marty Watt)
- 25) [52523] TT2 Kit Order Status 10/7  
by "George Heron" <n2apb@erols.com>
- 26) [52524] 2N22/40 and QRPp and Pacificon  
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
- 27) [52525] The ARRL Word on The Buzzsaw  
by "ai2q" <ai2q@ispchannel.com>
- 28) [52526] Re: Screwdriver Antenna boot sold  
by ka7you@juno.com
- 29) [52527] Dave ad6a  
by "Scott Howell" <n3byy@yahoo.com>
- 30) [52528] Re: Bigger antenna for atomic clocks  
by "Al Gritzmacher" <ae2t@arrl.net>
- 31) [52529] OT: fs: AEA IsoLoop  
by pete@c-zone.net
- 32) [52530] BB Contest Pictures  
by Jeff Grudin <grudin@vdbb.com>
- 33) [52531] FOXHUNT!!! Text Version of Schedule  
by "Paul R. Valko" <prvalko@oakland.edu>
- 34) [52532] Re: TT2 Output LPF Redesign  
by Dave Fifield <fifield@pacbell.net>
- 35) [52533] Re: Topo Maps  
by Bob Edwards <w4ed@gis.net>
- 36) [52534] Re: Tuna Tin 2 pi output ckt  
by Dave Fifield <fifield@pacbell.net>
- 37) [52535] What is "Manhattan Style"?  
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
- 38) [52536] OT: Battery Tube Radio Q's  
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
- 39) [52537] Re: The ARRL Word on The Buzzsaw  
by Terry Bendell <terryb@bmts.com>
- 40) [52538] Re: What is "Manhattan Style"?  
by "Nick Kennedy" <nkennedy@cswnet.com>
- 41) [52539] Re: What is "Manhattan Style"?  
by "John J. McDonough" <jjmcd@tm.net>
- 42) [52540] Re: Topo Maps  
by Robert McConnell <rmcconne@lightlink.com>
- 43) [52541] Re: 30M Station

by "Rod Cerkoney" <rcw@frii.com>  
44) [52542] Re: Topo Maps  
by Chris Trask <ctrask@primenet.com>  
45) [52543] FS:MV2301 Varicaps  
by Bruce Kizerian <kizerian@ced.utah.edu>  
46) [52544] Re: 2N22/40 and QRPP and Pacificon  
by Monte Stark <ku7y@dri.edu>  
47) [52545] Re: mW Worked All States progress report  
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
48) [52546] Topo Maps  
by Pete Burbank <plburbank@kih.net>  
49) [52547] Re: Tuna Tin 2 pi output ckt  
by sigcom@juno.com  
50) [52548] RE: 2N2/40  
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>  
51) [52549] Bubba Logs Last Call  
by Brian Kassel <bkassel@dancris.com>  
52) [52550] QRP Contesting this Weekend  
by Ken Newman <N2CQ@citnet.com>  
53) [52551] FS:Mfj-9030 30 Meter Transceiver  
by "Jack Oakland, CA" <w6abc@yahoo.com>  
54) [52552] New Ant going up W/R ANTENNAS  
by hamjoel@juno.com  
55) [52553] followon to AL7FS QSO==> WAC/QRP in 30 hours  
by Allan G Taylor <k7gt@arrl.net>  
56) [52554] WWVB  
by "Marshall Emm" <mgemm@ntechnologies.com>  
57) [52555] Re: QRP Contesting  
by Joel Malman <malman@world.std.com>  
58) [52556] Team Foghorns  
by "Bob Tellefsen" <n6wg@earthlink.net>  
59) [52557] Trade 6M transverter for DSW-40  
by James Skalski <jskalski@localnet.com>  
60) [52558] FOXHUNT!!! Text Schedule v 1.1  
by "Paul R. Valko" <prvalko@oakland.edu>  
61) [52559] Thanksgiving  
by Bruce Ratray <ratray@gpfn.sk.ca>  
62) [52560] RE: Thanksgiving  
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
63) [52561] Latest:40 mtr fox hunt Teams  
by Bruce Ratray <ratray@gpfn.sk.ca>  
64) [52562] Loop Question  
by "Ron Polityka" <wb3aal@talon.net>  
65) [52563] Maxim Full Line Data Catalog  
by charles k brown <n4so@juno.com>  
66) [52564] Name That Bug!  
by Ed Loranger <we6w@qsl.net>  
67) [52565] FS: Knwd TS-570D(G) & Astron 20A both MINT!!

by kreinbd@ccgate.dl.nec.com (David Kreinberg)

68) [52566] An "OD" ater 10 years !!!  
by osier <osier@northnet.org>

69) [52567] Re: Name That Bug!  
by Ed Loranger <we6w@qsl.net>

70) [52568] 10 Mhz oscillators?  
by Paul Erickson <paule@sfu.ca>

71) [52569] FS: Icom 765 and matching Speaker  
by Dave Barrett <DBarrett@creo.com>

72) [52570] I smell a new name...  
by "David Maliniak" <dmaliniak@penton.com>

73) [52571] How do I phone Dan's Parts?  
by REDSBOY@aol.com

74) [52572] Dan's 2N2/40 kit  
by "David Maliniak" <dmaliniak@penton.com>

75) [52573] Re: Name That Bug!  
by G3TUX@aol.com

76) [52574] Help w/Antenna Mast(s) Questions  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>

77) [52575] Deja' Vu K2  
by Ed Loranger <we6w@qsl.net>

78) [52576] Re: Help w/Antenna Mast(s) Questions  
by DOCKROCK1T@aol.com

79) [52577] Black Cat Halloween Event  
by "Alyn Backe" <ve6bpr@cnn.net>

80) [52578] RE: Dan's 2N2/40 kit  
by "ai2q" <ai2q@ispchannel.com>

81) [52579] RE: How do I phone Dan's Parts?  
by "ai2q" <ai2q@ispchannel.com>

82) [52580] Close but NO CIGAR. (Arrl Hdbk and Code)  
by Ed Loranger <we6w@qsl.net>

83) [52581] Re: The ARRL Word on The Buzzsaw  
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>

84) [52582] Re: The ARRL Word on The Buzzsaw  
by Shepherd@aol.com

85) [52583] OSCILLATORS (10 MHz OXC0, Lab quality)  
by Ed Loranger <we6w@qsl.net>

86) [52584] Re: Name That Bug!  
by K2UD@aol.com

87) [52585] Looking for NightOwls [Fox]  
by Ed Loranger <we6w@qsl.net>

88) [52586] Now Showing: October's ARS Sojourner  
by Richard Fisher <ki6sn@yahoo.com>

89) [52587] DSB or SSB Transmitter Kit  
by "Randy Jouett" <rules@bellsouth.net>

90) [52588] Topo Maps  
by <SFIKE@twa.com>

91) [52589] Re: OSCILLATORS (10 MHz OXC0, Lab quality)

by Ed Loranger <we6w@qsl.net>

-----  
Date: Thu, 07 Oct 1999 19:20:48 -0400  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: njqrp@njqrp.org  
Cc: QRP-L@lehigh.edu  
Subject: [52499] Re: BIG TUNA 2  
Message-ID: <37FD2AD0.8525EFEC@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

You know, if you check some of the big outlets like SAMS Club, they make larger cans of tuna for commercial use. Then you could have a REAL BIG TUNA TIN.

Ken Newman wrote:

>  
> To N2APB:  
>  
> Count me in for the TT2 kit also, George! I might add one of our  
> Jersey Fireball Amplifier to it to make it a BIG TUNA 2. May need  
> a fan for the amplifier with 3-400 mw drive from the little tuna!  
> (TiCK keyer needed also for it to be a contest machine). :)  
>  
>  
> 72 de  
> Ken Newman - N2CQ  
> Woodbury, NJ  
> N2CQ@ARRL.NET  
>  
> ~~~QRP Contest Calendar~~~  
> <http://www.njqrp.org/data/contesting.html>  
>  
> ~~~ NJ QRP Club Callsign ~~~  
> WQ2RP  
> ===== NJ QRP Club Mailing List =====  
> To unsubscribe from this list, send email to listserver@vramp.net  
> and put the text "unsubscribe njqrp" in the message. To post a  
> message to the list, send email to njqrp@njqrp.org.

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+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----  
Date: Thu, 7 Oct 1999 19:09:11 -0400  
From: Nils R Young <nilsbull@juno.com>  
To: QRP-L@lehigh.edu  
Subject: [52500] Loop antennas & the fiberglass beam thingie again  
Message-ID: <19991007.190925.-584887.0.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Nebuni!

(I found an English/Romanian dictionary at the local half-price book place & just had to try it out. Which explains the salutation, but not the message . . . )

When I took the K2 on vacation with me last July, I used a vertical antoona with tuner to work all that DX what I worked. But now that the bands are starting to get good (and now that I have the radio tuned up good), I'm beginning to realize that a directional antenna might be more appropriate for the rig & QRP operations, especially on the higher bands. So . . .

A loop antenna came to mind first. There have been interesting loop designs in the various QRP magazines, the most interesting using aluminum foil tape. Now I've used that stuff to make a FM band antenna for Cindy's office sound system & have toyed with making a loop around the northeast side of the radio shack if I can slip it past Cindy's yard inspection routine (bet I can't).

But I would need something fairly easy to pack, easy to put up & not using a lot of extra tie-downs, hold-ups & mounting doodads. So I thought about the metal tape loop. Ok 'cept for the extra hold-up/tie-down deals. It would be easy to make, for sure.

Then I had a cognitive domain leap. Why not an inflatable loop? Like a bicycle tire with a strip of aluminum foil tape on the outside of it, complete except for a gap at the point where the air valve pokes out. I could make a clip deal to fasten the tuning cap doodad on at the top & a clip deal to make the input/gamma match/loop hookup at the bottom. Inflate the tire, hang it on the hook/clip doodads, tune with a very long

plastic spline at the bottom end & point it wherever the sigs were loudest.

Only one problem: They use carbon or some such substance to make the inner tubes black, don't they? I ain't got an inner tube here to play with, but I'd bet it would be conductive. Or at least react to the presence of an RF/EMF field or something something. So the tube would form a loop with the antenna tape loop and probably make for some interesting odors as the RF danced around the aluminum tape.

Anyone tried this one yet? Did it smell bad? Did it work at all? Should I stop asking silly questions & get on with making an inner tube antenna? (You should have seen the look on Cindy's face when I suggested this deal . . . imagining it hanging off the side of a post at the beach. Another black ugly antenna thing to drag around and explain to people walking by, noticing the crazy guy talking to himself with the radio on a beach chair.)

And I ordered the fiberglass poles to make the beam with. Details at whenever I get the thing built, including snipped out parts of me cussin' 'cause I had trouble making it work . . . which is another story.

73

Nils

-----

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes  
Sonrientes

<http://home.fiberia.com/wb8ijn> -- WB8IJN --

<http://members.xoom.com/nilsbull>

"In my day you had to FIGHT to have oligarchs! Every day was a STRUGGLE!

-- Comrade Sergei Nikolaevich McTovarishov --

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Date: Thu, 7 Oct 1999 19:36:39 -0400

From: "Richard Brummer, K2REB" <obvious@bestweb.net>

To: <tjarey@home.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [52501] Re: BIG TUNA 2

Message-ID: <00ad01bf111c\$ceb52e00\$1305b3d8@default>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Even if you don't want to go with the large size that Skip is talking about, there is a 12 - ounce size commonly available in supermarkets (though usually not "on sale").

In any event, that size should provide some extra space.

K2REB

-----Original Message-----

From: T.J. "SKIP" Arey N2EI <tjarey@home.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Thursday, October 07, 1999 7:21 PM  
Subject: Re: BIG TUNA 2

>You know, if you check some of the big outlets like SAMS Club, they make  
>larger cans of tuna for commercial use. Then you could have a REAL BIG  
>TUNA TIN.

-----  
Date: Thu, 7 Oct 1999 16:30:32 -0700 (PDT)  
From: "David D. Meacham" <ddm@datatamers.com>  
To: Dave Fifield <fifield@pacbell.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [52502] Re: TT2 Output LPF Redesign  
Message-ID: <Pine.LNX.3.96.991007162943.10599E-1000000@dt1.datatamers.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dave,  
FB. Hope it works OK. 72, Dave, W6EMD

-----  
Date: Thu, 07 Oct 1999 19:50:37 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: QRP-L@Lehigh.edu  
Subject: [52503] NorCal Toroid Kit  
Message-ID: <37FD31CD.67B4@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit



Guys,

I want to extend my thanks to Doug and Jim on the NorCal Toroid kits. I got mine today. Now I will have to work harder to come up with projects!

73

-----  
Date: Thu, 7 Oct 1999 17:25:16 -0700  
From: Bob Nielsen <nielsen@primenet.com>  
To: qrp-1@lehigh.edu  
Subject: [52504] Re: BIG TUNA 2  
Message-ID: <19991007172516.A4362@bob.localnet>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Along the same line, Trader Joe's has some very large Altoids tins.

On Thu, Oct 07, 1999 at 04:23:29PM -0400, James Skalski wrote:  
> You can use the tuna can that SAM'S Club and COSTCO have.  
> I think it is a 5 pounder!

--  
Bob Nielsen                      Internet: nielsen@primenet.com  
Tucson, AZ                      AMPRnet: w6swe@w6swe.ampr.org  
DM42nh                          http://www.primenet.com/~nielsen

-----  
Date: Thu, 7 Oct 1999 19:18:44 -0500  
From: "Randy Jouett" <rules@bellsouth.net>  
To: <kj5tf@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [52505] Re: mW Worked All States progress report  
Message-ID: <02b401bf1123\$48984710\$e3e498cd@spock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----  
From: Jim Hale <kj5tf@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Thursday, October 07, 1999 3:31 PM  
Subject: mW Worked All States progress report

Hi Jim,

I don't know if you have considered this or not, but another way to reduce your total-wattage count is by getting on 40 or 80, reducing your power to the micro-watt range, and working some of the closer states, which would give you a much better chance at coming in at one watt or less. With this reduction in power, you might be able to bump up the power a bit to work some of the other "hard to reach" states. This logic is based on a multi-band attempt, but I don't remember you saying if you were only using a particular band or not, Jim. If this is a multi-band try, maybe you could also take advantage of the current openings on 10 and reduce your total power even further. Please continue to keep us filled in on your progress, and good luck!

72/73,

----

Randy Jouett, AB5NI

-----  
Date: Thu, 7 Oct 1999 19:32:34 -0500  
From: "Nick Kennedy" <nkennedy@cswnet.com>  
To: <fifiield@pacbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [52506] Re: Updated Modified MRX40/TT2 Schematic  
Message-ID: <005f01bf1124\$9e348480\$117054d8@big>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hey! This thing looks really slick. One of the biggest problems with separate transmitters and receivers is the T/R switching and muting (or absence thereof). Dave's got these curcuits integrated into one nice unit plus some VX0 tuning of the transmitter and receiver. It looks like a great circuit for someone wanting something a lot nicer than a PIXIE but a lot less complex than a 2N2/40.

The PDF schematic with pinout drawings of the devices is nice too.

I think I'm starting with the stock TT-2 though. But if I can fit in some of the mods and still make the Far Circuits board work, I'm going to.

72,

Nick, WA5BDU

-----Original Message-----

From: Dave Fifield <fifield@pacbell.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Saturday, October 02, 1999 4:50 PM  
Subject: Updated Modified MRX40/TT2 Schematic

>Whoops, I left out one resistor. Not critical, but I have  
>corrected it anyhow. So if you loaded the schematic  
>from my website previous to this post, please go and  
>get the corrected version at:

>  
><http://www.redhotradio.com/MRX40TT2.html>

>  
>72, Dave Fifield, AD6A

>  
>  
>

-----  
Date: Thu, 7 Oct 1999 20:46:12 -0400 (EDT)  
From: James Skalski <jskalski@localnet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [52507] Trade Bird for rotator  
Message-ID:  
<Pine.LNX.4.04.9910072042220.10881-1000000@valhalla.valhalla.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a very nice Bird 43 with leather carrying case, manual and a couple  
slugs. I would like to trade for a antenna rotator.  
Maybe a bird in the hand is better that a rotator in a junkbox ...or  
something like that:-)

73,

Jim n2go

-----

Date: Thu, 07 Oct 1999 13:15:19 -0500  
From: "George T. Baker" <w5yr@swbell.net>  
To: w0av@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [52508] Re: Keying (QRP) Rig from USB Port  
Message-ID: <37FCE337.E3316425@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

The expanders ARE readily available at several mail-order houses and stores. But, you are right - they do cost a few \$\$\$\$. Entrega makes a single USB to serial converter for about \$70. I use their expander to 4 serial ports and two more USB ports - it runs \$140 street.

Since USB is essentially a serial bit stream over only two conductors, I doubt that there would be any simple way to just "tap off" what you want without parsing the data stream, etc. Hence, the need for a converter.

72/73, George                    AMA 98452                    R/C since 1964

Amateur Radio W5YR, in the 54th year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County  
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

George F Franklin wrote:

>  
> Hello QRP/Computer Gurus,  
>  
> Because my new Ten-Tec Pegasus computer controlled HF transceiver (set to  
> 5W, of course) monopolizes com port 2 on my 686 computer, I would like to  
> use the USB (no, not upper sideband) port to key my rig(s).  
>  
> Normally I use an NPN transistor keyed from com port 2 to send (only) CW  
> from Log-EQF, my preferred logging program.  
>  
> Does anyone have information on which USB port pins could be used? I  
> require only the keying info line and ground to switch the transistor.  
>  
> Tom at Log-EQF hasn't worked out the USB connection yet.  
>  
> I understand that I could solve my keying problem by purchasing a USB to  
> serial converter, but they are relatively expensive and not readily  
> available.  
>  
> TIA and 72,

>  
> de George/W0AV

-----  
Date: Thu, 07 Oct 1999 21:04:32 EDT  
From: "John F Marranca, Jr" <jmarran@juno.com>  
To: QRP-L@LEHIGH.EDU  
Subject: [52509] QRP...AND THE SATELLITE PROGRAM.....  
Message-ID: <19991007.210348.7719.3.JMarran@juno.com>

Hello to all. As the winter draws nearer, we as Hams are faced with the "big question": What am I going to do this year?!" Well, I started earlier than usual....a surprise THIS year, with my son just 11 months old now. I have utilized my old OXO transmitter for a Mode K uplink rig for the RS 13 bird. I have written before about the almost non-existent useability of this radio for terrestrial qso's, but as an uplink radio, it is just the ticket for flexible power output and low cost. With a power output in the range of around 2 watts, this is just right for the ardent QRP'er looking for a new challenge. And lately, this bird has been in Mode KA, which means you can use 2m as well. ( I've done the keying the HT thing at 5 watts...it works!!!)

Anyhow, folks, just an idea for the winter. Give it a try...you MIGHT be surprised!

73

John Marranca, Jr KB2HSH  
Buffalo, NY

-----  
Date: Thu, 7 Oct 1999 20:49:33 -0400  
From: Barry J Minsky <w2bj@juno.com>  
To: qrp-l@lehigh.edu, qrp@qth.net, forsale-swap@qth.net, cw@qth.net  
Subject: [52510] ITEMS FOR SALE  
Message-ID: <19991007.204941.-508275.0.w2bj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

I have a few more items for sale.

1. EMTECH 30 meter rig with AF-1 filter, variable bandwidth filter in the EMTECH enclosure. This rig is in excellent condition. \$100.00 shipped to CONUS.

2. EMTECH 80 meter rig with AF-1 filter, variable bandwidth filter and TIC keyer in the EMTECH enclosure. This rig is in excellent condition. \$110.00 shipped to CONUS.
3. SW-30 in NN1G case. This is the rig that was used in the ELMER 101 project. Excellent condition. \$80.00 shipped to CONUS.
4. LDG QRP automatic tuner and BA-1 4:1 Balun. The tuner was factory assembled. I assembled the balun. Both are in excellent condition. \$120.00 shipped in CONUS.
5. Vibroplex original deluxe bug serial number 204715. This is the all chrome model with red finger pieces and a red jewel. There are a few marks on the base chrome. Overall, it is in very good condition. I have used it on the air many times. The action is excellent. \$100.00 plus shipping.

Please feel free to e-mail me with any questions.

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century Club #569, Platinum #51, FISTS CW Club of Coastal Georgia, Knightlites, Adventure Radio Society #359, Six Club #151, QCWA #29298, OOTC #3723

-----  
Date: Thu, 7 Oct 1999 21:20:05 -0400

From: "S LYON" <sslyon@worldnet.att.net>

To: <n0tu@webaccess.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [52511] Re: Fox Antlers "E.D.Z. Lazy-H"

Message-ID: <006901bf112b\$603dec00\$c209440c@compaq90mhz>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Greetings, Steve -good to work you in the SP.

Congratulations on hoisting one fine RF Cannon! I've built mine per W4RNL's guidelines and am amazed. It's built for 20m, so it's about 41' for each element and the phasing line, and I feed it at the center of that line so it's tru multi-band with good performance for 40m -using a tuner, of course. The only place I can hang it is from a clandestine location on the steep side of a local mountain.

Unfortunately the first outing to the mountain was completely bombed by a DX-pedition where the whole band was completely slobbered by QRP

blunder-buss "SPLIT" calls. Family problems have kept me off the mountain since so it's still up there waiting for a fair maiden run. I'll post to QRP-L when that time comes and would greatly appreciate feedback from the gang.

One thing... don't expect it to hear the "locals"!

72

-s-

----- Original Message -----

From: Steve/n0tu <n0tu@webaccess.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Thursday, October 07, 1999 9:27 AM

Subject: Fox Antlers

> Hey you hounds, I just put up a new Fox antler. It's a Extended Lazy  
> H! Some one else here was using one of these. Anyway, finished adding  
> the bottom element in the dark last nite. Then got stuck w/social  
> obligations ...so no joy yet! It' s the one from ARRL's Antenna  
> Classics on page 4-7  
>  
> It's an extended center feed zep with another CFZ element mounted 21'  
> below. Fed 180 deg. out of phase. It's hung at 45' between two trees  
> over my leach field. I had a 500' spool of 300 ohm(the real cheap  
> stuff!). Ran it through 300' corrugated black PVC around the barn to  
> the house. (to keep the snow off)  
>  
> Wasn't sure it work with the feedline laying on the ground and all,  
> but when I hooked it for the Spartin Sprint (with just the one  
> element) I could tell it was performing WELL or cndx were really good.  
> Lot's loud sigs!  
>  
> ...It's getting light here now and I can see I need to add some mono  
> filament supports to help the bottom element to hang more parallel.  
> Antennas are almost as fun as meltin' soldier.  
>  
> Polish up your Antlers ...you hounds!  
>  
> CUL Steve/n0tu  
>

-----  
Date: Thu, 7 Oct 1999 22:24:49 EDT

From: PDouglas12@aol.com

To: kory@avatar.com, qrp-1@lehigh.edu  
Subject: [52512] Re: 2N2/40  
Message-ID: <0.74c57665.252eaff1@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

In a message dated 10/7/99 1:40:28 PM Eastern Daylight Time, kory@avatar.com writes:

<< Is it a bad idea to build a 2n2/40 using perf boards >>

In a word, yes. It is a bad idea. You will lose all the stability that the vast ground plane of the Manhattan style board provides. I suspect you will get a consensus of similar comments on this one.

Preston WJ2V

-----  
Date: 7 Oct 1999 21:25:36 LOC  
From: <SFIKE@twa.com>  
To: <qrp-1@lehigh.edu>  
Subject: [52513] Topo Maps  
Message-ID: <19991007.212536.SFIKE@twa.com>

This may seem like a very newbie-ish type question, but I will ask it anyway, seeing how I am still a relative newbie.

Where do all you back-packers get your topographical maps? I don't want anything too exotic, just looking for a topo map for my home QTH county or counties.

I got on the web and couldn't find anything smaller than a state size topo map.

Trying to locate the tallest hill or land in my general area that I can get permission to get access to for "mountain-topping".

Any ideas?

Thanks

72

Scott

-----  
Date: Fri, 08 Oct 1999 02:26:24 -0400  
From: Richard Arland <k7sz@epix.net>  
To: QRP List <qrp-1@lehigh.edu>  
Subject: [52514] On The Road Again  
Message-ID: <37FD8E90.5B8E2D9A@epix.net>



MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang:

>From Tuesday thru Thrusday (Oct 12-14th) I will be in the Pittsburgh area doing a Video Assessment/Threat Analysis on SCI-Green.

I will be taking my Red Hot NC-20 with me and a dual band HT. We are booked into a local Comfort Inn (more on this when I can get the address from my traveling partner) and would like to get together with any QRPers in that area at least one night for coffee and QRP.

If you're interested drop me an e-mail BEFORE midnight Monday (Oct 11) evening and we can set something up.

73 Rich K7SZ

-----  
Date: Thu, 7 Oct 1999 19:29:31 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Low Power Amateur Radio <qrp-l@Lehigh.EDU>  
Subject: [52515] Poor Man's Paddles by N9JXY  
Message-ID: <Pine.GS0.4.10.9910071922110.19679-1000000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Folks,

I just used a set of these paddles from Denny Payton, N9JXY. Wow!

I'm impressed!

I worked some DX, a BY, R1, JT1 and HL. These paddles really worked nice.

If you are looking for some paddles to make that will feel good, not cost an arm and let and fit into a Altoids tin for back packing, give Denny a email.

Dennis Payton <dpayton@fwi.com>

I'll take these to PacCon and show them off!

cul,

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@dri.edu.....Washoe Lake, Nevada.....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Thu, 7 Oct 1999 22:51:48 -0400  
From: "Tom H" <hybiske@generalatronics.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [52516] Re: Topo Maps  
Message-ID: <01b101bf1138\$114d90c0\$b14eccd1@hybiske>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Scott,

Here's the site I got mine from <http://mapping.usgs.gov/mac/findmaps.html> .  
You can get your QTH by providing lat & lon, then ordering the resultant  
search engine find. I live in South Jersey area and was a little  
disappointed with the map of my area. Turns out (I should have known) that  
South Jersey varies very little in elevation, and the contour intervals were  
hard to find; a very boring map! Also, check your local library. Our town  
library has the entire state covered in USGS 7 1/2 minute maps; literally  
over a thousand dollars in maps; a real treasure trove if you're a map  
afficianado.

7 2,

Tom K3GM

> This may seem like a very newbie-ish type question, but I will ask it  
anyway,  
> seeing how I am still a relative newbie.  
> Where do all you back-packers get your topographical maps? I don't want  
> anything too exotic, just looking for a topo map for my home QTH county or  
> counties.  
> I got on the web and couldn't find anything smaller than a state size topo  
> map.  
> Trying to locate the tallest hill or land in my general area that I can

get

> permission to get access to for "mountain-topping".

> Any ideas?

> Thanks

> 72

> Scott

-----  
Date: Thu, 7 Oct 1999 22:57:28 -0400

From: "John J. McDonough" <jjmcd@tm.net>

To: <kory@avatar.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [52517] Re: 2N2/40

Message-ID: <001f01bf1138\$eed76ec0\$010044c0@conor-mac-nessa>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

You heard Jim and Paul tell you what a bad idea it is based on theory, let me tell you based on a little experience.

I decided to build the RIT circuit on perfboard. It was horrible. In about a week I rebuilt it manhattan style.

By the way, Radio Shack has 114x161mm copperclad that's just about the right size. A little tighter than the KI7NM boards, but it works just fine. So if the problem is your supply of copperclad.... Now the RS stuff is pretty spotty quality as best I can tell. Sometimes it's pretty good, other times it's not. I think if you had another source I'd recommend it, but if the problem is that perf is more available, you can get what you need in that department at the local RS. For about the same money you can get a screened board from the Arizona Sqrptions, and they throw in some building hints and some strips to make pads from.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>

didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: Kory Hamzeh <kory@avatar.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Thursday, October 07, 1999 1:40 PM

Subject: 2N2/40

>

>Is it a bad idea to build a 2n2/40 using perf boards instead of the

>Manhattan style?

>

>73,

>Ko1y

>AC6RN

>

-----  
Date: Thu, 07 Oct 1999 22:50:25 EDT

From: ka7you@juno.com

To: QRP-L@LeHigh.EDU

Subject: [52518] To: Screwdriver Antenna owners

Message-ID: <19991007.195309.2359.6.ka7you@juno.com>

I finally got a 'round-to-it' and purchased a 'weather boot' for my screwdriver antenna, but they only came in pairs ( the motorcycle fork boots).

I purchased the recommended Daystar series 69 size, and have an extra one (black) if anyone would like it. They were \$28 per pair with the sales tax here, so I'd let someone have the second one for \$15 including shipping, if they want it.

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.

80M thru 10M with K2 s/n268 and other fine QRP rigs.

VHF thru 1296 MHz-higher bands pending

ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

-----  
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-----  
Date: Thu, 07 Oct 1999 21:09:51 -0600

From: "James R. Duffey" <jamesd1@flash.net>

To: aweiss@usd.edu

Cc: qrp-l@lehigh.edu

Subject: [52519] Re: HELP: COMPOSITION / MATERIALS USED IN SD-20 POLE

Message-ID: <199910080309.WAA03779@chupacabras.flash.net>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

Ade - The SD-20 is fiberglass, that is flass fiber matte with resin. It has

fair electrical properties. Plenty good enough for QRP use. The black color is obtained with dye which probably has some graphite in it. The graphite does not make the mast significantly conductive though.. I have heard reports that the gold color printing can arc at higher powers. (don't ask me, ask Vern.)

I hope that this helps.

James R. Duffey KK6MC/5  
30 Casa Loma Road  
Cedar Crest, NM 87008

-----  
Date: Thu, 7 Oct 1999 20:08:26 -0700 (PDT)  
From: "David D. Meacham" <ddm@datatamers.com>  
To: qrp-l@lehigh.edu  
Subject: [52520] TT2 Output LPF Redesign  
Message-ID: <Pine.LNX.3.96.991007195527.11441A-100000@dt1.datatamers.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,  
Since my first posting on this subject, Steve, WB6TNL reported that the modified LPF resulted in the 2nd harmonic down 34dB (OK), and the 3rd down 28dB (not OK). So I went "back to the drawing board". My 2nd iteration shows everything better, with the 3rd harmonic down an additional 4dB. That should put the actual performance at 32dB down (OK). The only changes to the first version are the values for C6 and C7. Make them both 560pF. Hope this does the trick!  
72, Dave, W6EMD

-----  
Date: Thu, 7 Oct 1999 23:22:57 EDT  
From: Dennisskea@aol.com  
To: qrp-l@lehigh.edu  
Subject: [52521] thanks for the response  
Message-ID: <0.2614650c.252ebd91@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

To all-  
Thanks for all the responses to my question about a Kent key internet site. Really appreciated.  
73 Dennis kc2ccz

-----  
Date: Fri, 08 Oct 1999 03:40:20 GMT  
From: mwattcpa@earthlink.net (Marty Watt)  
To: qrp-1@lehigh.edu  
Subject: [52522] QRPTTF results?  
Message-ID: <37fd676d.7062317@mail.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

I deleted the message indicating when QRPTTF results would be published. =  
Any  
updates?

Marty, N5NW  
Memphis, Tennessee

-----  
Date: Fri, 8 Oct 1999 00:14:20 -0500  
From: "George Heron" <n2apb@erols.com>  
To: "QRP-L" <qrp-1@Lehigh.EDU>, "NJQRP" <NJQRP@njqrp.org>  
Subject: [52523] TT2 Kit Order Status 10/7  
Message-ID: <05ed01bf114b\$fe3ea140\$4898accf@computer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The response to the offer of the Tuna Tin 2 Kit has been overwhelming! Over 100 reservations have been placed already ... there's going to be one heck of a lot of Tuna signals out on Halloween weekend (ARRL Black Cat event and the NorCal Zombie Shuffle).

The actual orders are starting to arrive by snail mail now too ... you can see if your order has been received by using our automated EMail roBOT called EMBOT. Just send an email message to EMBOT@NJQRP.ORG with the command SEND TT2ORDERS in the body of the email and you'll receive back almost immediately an email containing all the names of guys who "reserved" a TT2, and an indication if their actual order has been received yet. Try it, it works!

BTW, I'm sure you've been following the TT2 output filter

optimization discussion thread spearheaded by Dave Meacham W6EMD and Dave Fifield, AD6A. Dave has determined some mods to the original design to provide a much cleaner signal output for the Tuna Tin. Well, Dave has given permission to the Jersey QRP group to modify the TT2 Kit in order to provide the improvement mods and they WILL be in the kits that you all are ordering! It gets better all the time ;-)

Okay, since the response to the TT2 Kit offer has been so positive, we're not going to stop at 100 as previously planned! So if you were worried that you missed the ordering window with the flurry of email reservations coming in, have no fear: there will be a TT2 for you! We're already placing a second round of parts in order to meet the demand of all of you.

Lastly, if you missed the information about this TT2 Kit offer, you can see it on the Jersey QRP Club website (<http://www.njqrp.org/tuna/> ) or by sending an email request to EMBOT@NJQRP.ORG with the command SEND TT2INFO in the body. An email will be returned almost immediately containing kit description and ordering information.

Thanks all for the interest in the classic W1FB design "Tuna Tin" QRPP transmitter, updated by Dave Meacham W6EMD and the NorCal QRP Club.

72, George N2APB  
n2apb@amsat.org  
for the NJ-QRP Club at <http://www.njqrp.org>

-----  
Date: Thu, 07 Oct 1999 21:00:20 MST  
From: "Chuck Adams, K7QO" <k7qo@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [52524] 2N22/40 and QRPP and Pacificon  
Message-ID: <19991008040021.36105.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Gang,

OK, down to the wire for Pacificon. Got the Regen and the FoxHunt combo MXM40/TT2 and was going to do the 2N22/40, but alas..... can someone remind me what the cover of the issue of QRPp with the stuff in it looks like. I haven't seen it since I've gotten to AZ. If I don't find it in the next 24hrs I'm out of luck time wise unless I'm still soldering when the judges get to the table... :-) The notes that I have are too old and I can't get the .jpg's on Jim's page to print out completely on a single page and those parts missing from the page I can in no way shape or form get to print..... TIA

Email direct and not flood the list with a high noise level.... Please.

Pacificon note: I have an earlier set of the Kent paddles disassembled to restore the brass finish. Question: how much pressure do you think it will take to remove the steel rod from the bearings and the brass arms? Should I not do this at home??? Jay, don't worry, they'll still work. :-)

I'll bring the paddles to Pacificon with a CMOS III and will give Iambic Mode B instructions to those that want to learn. Don't ask me to do Mode A..... :-) ;-) I also want to see how some people send the wrong way....

I'll also have an audio CD with some stations and you listen to them and fill out a RST value for each station. I have wanted to do this for some time to see how people judge stations without an S-meter.... :-) With QRM and with QRN and all combos thereof.... I'll have the walkman with earphones for you to do this.

dit dit es FYI

---

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Date: Fri, 8 Oct 1999 00:09:55 -0400  
From: "ai2q" <ai2q@ispchannel.com>  
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>  
Subject: [52525] The ARRL Word on The Buzzsaw  
Message-ID: <000101bf1142\$fbbbc5240\$5c32a7d0@ai2q.ispchannel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit



Here's the latest "buzz" on the buzz, from an ARRL press release sent out last night.

Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

-----

What's the Buzz?

NEWINGTON, CT, Oct 7, 1999--Efforts are under way in the US and Canada to identify the source of what's being described as a loud and broad "125 Hz buzz" that's been showing up on the 80-meter band. The ARRL Monitoring System has requested FCC assistance in tracking down the harmful interference, which has been audible primarily in the US Northeast. The annoying buzz frequently has been heard on or about 3.5 MHz. It's also been monitored in the vicinity of 3.6 and 3.7 MHz. Sometimes, it transmits for hours on end, other times for relatively brief periods of a few seconds or minutes.

Audible over a bandwidth of more than 30 kHz, the signal has become an increasing irritant to amateurs over the past few weeks. It was monitored briefly in northern Connecticut on the evening of October 5 centered on 3.5 MHz.

Over the past couple of weeks, the League and Radio Amateurs of Canada have been in regular communication on the apparent intruder.

ARRL member Dave Bowker, K1FK, in extreme northern Maine reported hearing the signal in mid-September. "The interference is a square-wave modulated signal which totally destroys any communications possibilities 20 kHz either side of 3.500 MHz with its 'buzz saw' characteristics," he reported. Bowker said the signal "follows typical 80-meter propagation characteristics" in that it's mainly audible during hours of darkness.

Bowker's direction-finding efforts determined the signal was coming from the north northeast "from over the polar region." He said Midwest stations have reported hearing the signal at a lower signal strength and emanating from the northeast.

At least some FCC staff members believe the signal originates in Canada. An FCC staff member said this week that the Commission has been investigating the emission "for a couple of weeks" as a result of a complaint from an aeronautical weather station that broadcasts at 3485 kHz. The staff member said the signal appeared to come from the Gander, Newfoundland, area, and

said the FCC was in contact with its Canadian counterparts at Industry Canada.

There have been suggestions--unconfirmed--that the signal might be the result of a system being operated by the Canadian military. Military authorities North of the Border reportedly have said they will look into the complaint.

Other as-yet-unconfirmed information suggests, however, that the signal was not of Canadian military origin at all nor even from Newfoundland but might be coming from Europe.

"There are certain risks in trying to DF any pulse signal that may not be transmitted mainly in the direction of the observer," says IARU Region 2 Monitoring System Coordinator Martin Potter, VE3OAT. Potter observed the signal on an oscilloscope and noted "lots of reflections" during the 8 ms between transmitted pulses. Potter says bearings obtained may actually be on the "returned signal" from reflection and scatter points along the transmitted signal's path--either in the ionosphere or on the ground or ocean, or both. "So it may be premature to conclude that the transmitter is in Newfoundland, especially if reception is only by skywave, without taking special measures while obtaining a bearing," he said.

Potter says the signal appears to consist of a "comb" of unmodulated carriers with 125-Hz separation extending about 10 to 15 kHz each side of the center frequency. "Although it sounds awful and complex (due to the beating of all those carriers), it looks quite simple on a spectrum analyzer," he said.

To add to the mystery, earlier this month ARRL member Paul Veal, N0AH, in Wyoming reported the signal was appearing every morning at 1300 UTC on or about 3795 kHz. He said the signal appeared to coming from a northwesterly to southwesterly direction. "It has to be a broadband radar of some sort, I think," he commented in a TowerTalk reflector posting. "Sometimes, the buzz saw goes on for 45 minutes, sometimes in just a few short 60-90 second tests. "The folks on the West Coast hear it too," he said.

Additional reports and observations are welcome to ARRL Volunteer Monitoring System Administrator Tom Hogerty, KC1J, [thogerty@arrl.org](mailto:thogerty@arrl.org).

-----  
Date: Fri, 08 Oct 1999 00:10:47 EDT  
From: [ka7you@juno.com](mailto:ka7you@juno.com)  
To: [ka7you@juno.com](mailto:ka7you@juno.com)  
Cc: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)

Subject: [52526] Re: Screwdriver Antenna boot sold  
Message-ID: <19991007.211329.2359.11.ka7you@juno.com>

The Screwdriver antenna 'weather boot' has already found a new home.

Thanks,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.

80M thru 10M with K2 s/n268 and other fine QRP rigs.

VHF thru 1296 MHz-higher bands pending

ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

On Thu, 07 Oct 1999 22:50:25 EDT ka7you@juno.com writes:

> I finally got a 'round-to-it' and purchased a 'weather boot' for my  
> screwdriver antenna, but they only came in pairs ( the motorcycle fork  
> boots).

> I purchased the recommended Daystar series 69 size, and have an  
> extra one (black) if anyone would like it. They were \$28 per pair  
> with the sales tax here, so I'd let someone have the second one for  
> \$15 including shipping, if they want it.

> 7 3,

>

> Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.

> 80M thru 10M with K2 s/n268 and other fine QRP rigs.

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> ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

>

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> <http://dl.www.juno.com/dynoget/tagj>.

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Fri, 8 Oct 1999 00:15:58 -0400

From: "Scott Howell" <n3byy@yahoo.com>

To: <qrp-1@lehigh.edu>

Subject: [52527] Dave ad6a

Message-ID: <00d201bf1143\$e02eaea0\$b761b683@HQ.NASA.GOV>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Dave you get this could you drop me a note? I can't find your E-mail address.

tnx

73 de Scott/n3byy  
Laurel MD  
Fists #5030 . Qrp-1 #1689  
for immediate response, send mail to n3byy@amsat.org

-----  
Do You Yahoo!?  
Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Fri, 8 Oct 1999 00:47:20 -0400  
From: "Al Gritzmacher" <ae2t@arrl.net>  
To: qrp-1@Lehigh.EDU  
Subject: [52528] Re: Bigger antenna for atomic clocks  
Message-ID: <199910080442.AAA26635@mx.localnet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

I have found that here in Western New York, trying to catch the clock synching is pretty hard.

Forcing a synch by either removing the batteries and reinserting them, or by pressing the two buttons, produced no results for several tries.

Someone posted about the field around computer monitors being a problem and I can believe it to be true. I have two monitors in my shack and the clock showed signal strength but never set. I now believe it is a false signal from the monitors. I also had no luck in another room which was directly above another computer and has a TV as well.

However, when left to it's own devices, and sitting in a purely random location overnight, it seems to be setting itself. The tower symbol is always active and the time accurate. So, at some time in the wee hours it must be getting enough signal to overcome all the random noise in the house and set itself.

I have also found a spot, on a bathroom windowsill, that produces

good results regardless of time of day. It gets four bars even at high noon.

So what am I saying? I believe there is enough signal present at all times of the day or night if the clock can be moved away from sources of interference. I also believe that at night, there is enough signal available to overcome most of these interference sources.  
>From the map on the NIST site, it would appear that not much of the country is in a worse spot than I am, other than some of the northeast US. The scheduled power increase later this month should improve things as well.

My advice would be to try to let it set itself overnight. Keep the antenna oriented at right angles to the direction the signal should come from, but it doesn't seem to be terribly critical +/- 45 degrees doesn't seem to matter. And try to get away from fields around TVs and Computer monitors.

On 6 Oct 99, at 19:03, qrp-1@Lehigh.EDU wrote:

> Eric:  
>  
> Sounds like a fun science project, but at a distance of only 3-4  
> wavelengths from the transmitter/ant site--my data would be skewed.  
> ;-)   
>  
> On a serious note: I wrote to and finally heard back from NIST. WWVB  
> is supposed to up power to about 50kW this month. Now it is only about  
> 30kW. The power increase may help your situation. Time will tell. OOPS  
> no Pun intended :-)  
>  
> ---  
> 72/3 Rod, N0RC  
> da di dah  
>  
> ----- Original Message -----  
> From: Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Sent: Tuesday, October 05, 1999 4:21 PM  
> Subject: Bigger Antenna for the Atomic Clocks?  
>  
>  
> > Hi,  
> >  
> > I purchased a couple of the Atomic clocks from Rod, N0RC and have  
> > been pretty  
> > happy with their performance.  
> >

> > Out here on the left coast the signal from WWVB is not so strong. My  
> Atomic  
> > Clocks can sync if I put them outside the house, but they fail  
> inside. (Of  
>

-----  
Al Gritzmacher ae2t@arrl.net  
<http://members.localnet.com/~ae2t/>  
-----

Thought for the day:  
Concerto (n): a fight between a piano and a pianist.

-----  
Date: Thu, 07 Oct 1999 22:38:30 -0700  
From: pete@c-zone.net  
To: qrp-1@Lehigh.EDU  
Subject: [52529] OT: fs: AEA Isoloop  
Message-ID: <3.0.6.32.19991007223830.007ac890@mail.c-zone.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi QRPer's:  
I have an AEA Isoloop for sale in good shape. Bought used from AL7FS in June, used it on a trip this summer. Can bring to Pacificon. \$175 + shipping. Pete W6WY 530 549 4557

-----  
Date: Thu, 07 Oct 1999 23:14:41 -0700  
From: Jeff Grudin <grudin@vdb.com>  
To: elecrafft list <elecrafft@qth.net>, QRP-L <qrp-1@lehigh.edu>  
Subject: [52530] BB Contest Pictures  
Message-ID: <37FD8BD1.FD9677D6@vdb.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

If anyone is interested, there is a nice story and pictures of my BB adventure this year in the ARS Sojourner. The story was written by my friend Tom, KQ6DV, and he is a good storyteller.

There are pictures of my K2 set up with a solar panel.

The URL is:

[http://www.natworld.com/ars/pages/back\\_issues/1099\\_text/branch.html](http://www.natworld.com/ars/pages/back_issues/1099_text/branch.html)

--

73 de AC6KW <<mailto:grudin@vdbbs.com>>  
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>  
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California  
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

-----

Date: Fri, 8 Oct 1999 05:27:51 -0400 (EDT)  
From: "Paul R. Valko" <[prvalko@oakland.edu](mailto:prvalko@oakland.edu)>  
To: QRP List <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [52531] FOXHUNT!!! Text Version of Schedule  
Message-ID: <[Pine.OSF.3.95.991008051735.21300E-100000@saturn4.acs.oakland.edu](mailto:Pine.OSF.3.95.991008051735.21300E-100000@saturn4.acs.oakland.edu)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

YAWN... insomnia... naw... call it, just up early... YAWN

Hey, may as well do something useful! Here's the TEXT version of the 1999/2000 QRP-L Foxhunt.

Kids, remember the DATE is in GMT, the REAL operating times are Mon and Wed nights in North America in 1999 - AND - Tues and Thurs evenings in 2000. I think... YAWN...

Date GMT	Time GMT	Fox	Name	QTH
10/26	0000	K10J	OJ	TX
10/28	0200	NA6E	MARY	CA
11/02	0100	AB5UA	CLIFF	OK
11/04	0200	W0MC	JERRY	CO
11/09	0100	K1JD	JOHN	RI
11/11	0100	NF9K	JOEL	MN
11/16	0100	W8RU	RON	MI
11/18	0200	N5TW	TOM	TX
11/23	0200	K5LN	BILL	TX
11/25	0200	K0EVZ	DOC	ND
11/30	0200	N7RR	BRUCE	WA
12/02	0100	K1MG	MIKE	CA
12/07	0100	KV2X	TOM	NY
12/09	0100	KF4AR	RICK	NC
12/14	0100	AB5WX	DAVE	TX
12/16	0200	N4DD	DENNIS	TN

12/21        0200        N0TU        STEVE        CO

Tip:        Look for a blowout Y2K Fox Party announcement  
         during the Holidaze

01/05	0100	K7GT	ALLAN	CA
01/07	0100	N0AR	SCOTT	MN
01/12	0100	WT9S	JAY	IL
01/14	0200	N7MFB	BILL	WA
01/19	0100	AF5Z	BOB	TX
01/21	0200	K8CV	WALT	MI
01/26	0100	N7CQR	DAN	OR
01/28	0200	KF2PH	NICK	NY
02/02	0100	WV3J	PAUL	VA
02/04	0100	W8SFF	STEVE	MI
02/09	0200	AE2T	AL	NY
02/11	0200	N1FN	ET	CO
02/16	0100	NW7DX	BEN	WA
02/18	0200	N0IT	DAVE	MO
02/23	0200	W8RO	FLOYD	MI
02/25	0200	N1TP	TOM	FL
03/01	0100	NQ9RP	CHEESE	WI
03/03	0000	KQ5U	TERRY	TX
03/08	0200	N5IB	JIM	LA
03/10	0000	N0UR	JIM	MN
03/15	0200	WD4ET	JEFF	FL
03/17	0200	KU7Y	MONTE	NV
03/22	0200	AB7CE	ROY	MT

cut it out and paste it to the fridge.

Foxhunt 2000 web site <http://www.acs.oakland.edu/~prvalko/foxhunt.htm>

73! =paul= W8KC

Collector of Ten\*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Fri, 08 Oct 1999 02:59:33 -0700  
From: Dave Fifield <[fifield@pacbell.net](mailto:fifield@pacbell.net)>  
To: "David D. Meacham" <[ddm@datatamers.com](mailto:ddm@datatamers.com)>  
Cc: Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>



Subject: [52532] Re: TT2 Output LPF Redesign  
Message-ID: <000701bf1173\$d28f9680\$0100a8c0@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

Hi Dave,

Yes, it works fine! The second harmonic is now about 41dB down,  
the 3rd is about 35dB down and all the others are way down there.  
Looks like it's now FCC compliant - good job on the design Dave!

I did do a plot of it to floppy, but something seems to have gone  
wrong with the disk - none of my computers can read it.  
I'll do it again and post the results tomorrow.

Cheers es 72,  
Dave Fifield, AD6A

----- Original Message -----

From: David D. Meacham <ddm@datatamers.com>  
To: Dave Fifield <fifield@pacbell.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Thursday, October 07, 1999 4:30 PM  
Subject: Re: TT2 Output LPF Redesign

> Dave,  
> FB. Hope it works OK. 72, Dave, W6EMD  
>  
>

-----  
Date: Fri, 08 Oct 1999 05:53:58 -0400  
From: Bob Edwards <w4ed@gis.net>  
To: SFIKE@twa.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [52533] Re: Topo Maps  
Message-ID: <37FDBF36.9C4833F@gis.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

SFIKE@twa.com wrote:

>  
> Where do all you back-packers get your topographical maps? I don't want

> anything too exotic,

This may tilt toward the "too exotic"; I use (and enjoy showing others) the Topo USA from DeLORME. It takes a good PC to make the 3D view snap. It has a very neat feature that: after plotting a hiking trip (of several miles) it provides an elevation chart, elevation on Y axis and distance walked on X.

But still use old fashion paper maps for casual browsing, cause some times the PC stays off - on purpose.

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Bob 72/73  
email, w4ed@amsat.org  
<http://www.qsl.net/w4ed>  
near Atlanta, GA EM73wt

-----  
Date: Fri, 08 Oct 1999 03:54:16 -0700  
From: Dave Fifield <fifield@pacbell.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Cc: sigcom@juno.com  
Subject: [52534] Re: Tuna Tin 2 pi output ckt  
Message-ID: <008e01bf117b\$77079b20\$0100a8c0@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

> Dave, what's your DC voltage and  
> current? I'm trying to figure out why I'm only at 250 mW output. Maybe  
> I have a problem with the capacitors. I'll measure them tonight.  
>  
> 73.....Steve, WB6TNL

Steve,

I'm using a 13.8V bench power supply and getting exactly 500mW output with the new filter from Dave Meacham. Input current is 110mA, so the power dissipated is  $13.8 \times .11 = 1.518$  Watts. This gives me an efficiency of  $(0.5/1.518) \times 100\% = 33\%$  which isn't good! The reason is that the output stage is running class A (or something approaching it) - it's biased ON too much. If we were to lower the bias a bit and run it in class C, then the efficiency would go up BUT, we'd probably need a lot more drive to get anything out of it at all.

Do you want to try and re-bias the output stage to see what improvements can be made Steve? I'm afraid I've run out of spare time between now and QRPacificon (getting the Red Hot 40 kits ready!).

Cheers,  
Dave Fifield, AD6A

-----  
Date: Fri, 08 Oct 1999 07:06:40 -0500  
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>  
To: qrp-1@lehigh.edu  
Subject: [52535] What is "Manhattan Style"?  
Message-ID: <NBOKNLNDKMLICAAA@shared1-mail.whowhere.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

All,

Could someone please explain to me what "Manhattan - style" construction is? What are its advantages/disadvantages compared to other styles? Is there a website I can visit for more information and examples?

Thanks in advance!

73,  
Joel

---

Joel Kluender, NF9K  
870 Prairie Street S.  
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

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-----  
Date: Fri, 08 Oct 1999 07:30:44 -0500  
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>  
To: qrp-1@lehigh.edu

Subject: [52536] OT: Battery Tube Radio Q's  
Message-ID: <KGCCILCGKBNICAAA@shared1-mail.whoohere.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

All,

I have a Coronado 43-6321 Series A battery-powered tube set from, I believe, the early 40's, which I picked up at a local garage sale. The radio is a 4-tube set and operates off of 90/1.5 V supplies. I have recapped the radio, replacing all of the old paper caps with "yellow-jacket" caps. The tubes all test fine on my Heathkit tester.

Questions:

(1) Where can I find a circuit for a simple 90/1.5 V battery eliminator (aka power supply)? I'd like to get this thing on the air but 90-V batteries are in short supply these days :)

(2) Is there any other work which you'd suggest I do on the radio before I power it up?

(3) Does anybody out there have a schematic for this radio?

(4) Can anybody tell me what the pin convention is for the power cord (it is a round piece of phenolic material with four pins for the 90/1.5 supplies, but not labeled)

Thanks!

Joel NF9K

---

Joel Kluender, NF9K  
870 Prairie Street S.  
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

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<http://www.eudoramail.com>

-----  
Date: Fri, 08 Oct 1999 08:35:54 +500  
From: Terry Bendell <terryb@bmts.com>  
To: <ai2q@ispchannel.com>

Cc: <qrp-1@Lehigh.EDU>  
Subject: [52537] Re: The ARRL Word on The Buzzsaw  
Message-ID: <199910081234.IAA02265@Alice.BMTS.Com>  
MIME-Version: 1.0

On 1999-10-08 ai2q@ispchannel.com said:  
>Here's the latest "buzz" on the buzz, from an ARRL press release  
>sent out last night.  
>Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.  
>-----

Ok Ok, Us canucks are Guilty, we are operating an interstellar  
spaceport on Newfoundland (Hey what else can you do with it!),  
What your hearing is our top secret Outer marker beacon. The  
Multi carrier Signal is actually modulated with data, embedded  
deeply within each carrier is the actual message. Now that your  
on to us were going to have erase all your hard-drives remotely..

Trust No One

Net-Tamer V 1.11.2 - Test Drive

-----  
Date: Fri, 8 Oct 1999 07:30:20 -0500  
From: "Nick Kennedy" <nkennedy@cswnet.com>  
To: <nf9k@eudoramail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [52538] Re: What is "Manhattan Style"?  
Message-ID: <004801bf1188\$f5a1a860\$187154d8@big>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

It's sort of like ugly construction, in that you use an unetched board for  
the base.

In ugly construction, grounded component ends are soldered to the board and  
support the components standing on end. Ungrounded nodes (connections) just  
sort of float above the board.

With manhattan style, you glue little pieces of circuit board to the main  
board for these ungrounded nodes. some guys cut them out of ckt board

material with a punch or nibbler. I uses a dermel saw and cut pieces off of 1/4 inch wide sticks provided by the AZ Scorpions. Anyway, you super glue these small bits of board to the main unetched board for connection points.

It's a lot neater and lower profile and mechanically more stable than ugly style.

Regarding the fellow asking about using perf board. Stability issues aside, I think I still like Manhattan style, cause it's easier to remove a component if you have a problem and need to change one out.

For info, go to the NORCAL page. Take the link to 2N2/40. There will be some good descriptions and at least one link to more info on Manhattan style.

72,

Nick, WA5BDU

35% finished with my 2N2/40!

-----Original Message-----

From: Joel Kluender, NF9K <nf9k@eudoramail.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Friday, October 08, 1999 7:08 AM

Subject: What is "Manhattan Style"?

>All,

>

>Could someone please explain to me what "Manhattan - style" construction is? What are its advantages/disadvantags compared to other styles? Is there a website I can visit for more information and examples?

>

>Thanks in advance!

>

>73,

>Joel

>---

>Joel Kluender, NF9K

>870 Prairie Street S.

>Shakopee, MN 55379

>

>Great is the Lord, and worthy of praise!

>

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account at <http://www.eudoramail.com>

>

-----  
Date: Fri, 8 Oct 1999 08:48:13 -0400  
From: "John J. McDonough" <jjmcd@tm.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [52539] Re: What is "Manhattan Style"?  
Message-ID: <010701bf118b\$67bc8e40\$010044c0@conor-mac-nessa>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----Original Message-----  
From: Nick Kennedy <nkennedy@cswnet.com>

>For info, go to the NORCAL page. Take the link to 2N2/40. There will be  
>some good descriptions and at least one link to more info on Manhattan  
>style.

You can also go to <http://www.qsl.net/wb8rcr/2N2-40.htm> for some close-up  
pictures of manhattan construction.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr/>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Fri, 08 Oct 1999 09:09:51  
From: Robert McConnell <rmcconne@lightlink.com>  
To: SFIKE@twa.com  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [52540] Re: Topo Maps  
Message-ID: <3.0.6.16.19991008090951.27876138@pop.lightlink.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

This may not apply in your area, but in upstate NY they are available from  
most sports (hunting) outlets and the usual Army/Navy surplus stores. I have  
also seen them in a couple of specialty book stores.

Bob McConnell  
N2SPP

At 09:25 PM 10/7/99 LOC, SFIKE@twa.com wrote:

>Where do all you back-packers get your topographical maps? I don't want  
>anything too exotic, just looking for a topo map for my home QTH county or  
>counties.

>Thanks

>72

>Scott

-----  
Date: Fri, 8 Oct 1999 07:18:20 -0600  
From: "Rod Cerkoney" <rwc@frii.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [52541] Re: 30M Station  
Message-ID: <006401bf118f\$a6d47440\$458611d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

No takers on the package, only the 30M rig is left, price reduced see  
below:

----- Original Message -----

From: Rod Cerkoney <rwc@frii.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Monday, October 04, 1999 7:54 AM  
Subject: FS: 30M Station

> Folks:

> ...

> FOR SALE:

>

> OHR100A 30M Rig                      \$80/\$70 shipped conus see  
below

>

> My first QRP rig/kit started out as a 20M rig then I converted it to  
> 30M. Has 10 turn pot for tuning; An extra filter cap to smooth out  
> ripple/noise from a switch pwr supply that I use. I replaced a noise  
> power trimmer with a small cermet, power is smoothly adjustable from  
> 0-6w. Change one cap in the TX mixer to smooth Pout flatness, not  
> more than 1/2W variance across the band.

>



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>
> OHR DD-1                                $60  shipped conus  *** SOLD
***
...
> OHR WM-1                                $50  shipped conus  *** SOLD
***
...
> Bencher RJ Straight Key, Black Base: $75  shipped conus  *** SOLD
***
>
...
> ***** LIC UP GRADE SPECIAL
*****
>
> IF YOU HAVE RECENTLY UPGRADED YOU LICENSE FROM TECH+ TO GEN OR
> BETTER YOU CAN HAVE THE OHR 30M FOR $70 SHIPPED CONUS. START
> ENJOYING YOUR NEW FREQUENCY PRIVILEGES NOW! 30M IS A FUN BAND.
>
> TO TAKE ADVANTAGE OF THE OFFER PLEASE PROVIDE SOME REASONABLE
> UPGRADE PROOF FROM WITHIN THE LAST 6-12 MOS. OR SO.
>
>
*****

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Date: Fri, 8 Oct 1999 06:23:49 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: SFIKE@twa.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52542] Re: Topo Maps
Message-ID: <Pine.BSI.3.96.991008062206.6742A-100000@usr05.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

```

Scott,

You should be able to get topo maps in any outdoor shop near you. Or, you can get in touch with the USGS in Pueblo (or is it Denver?) and order them directly from them. You will probably have to get an index first so as to know which map to ask for.

Chris

On 7 Oct 1999 SFIKE@twa.com wrote:

> This may seem like a very newbie-ish type question, but I will ask it anyway,  
 > seeing how I am still a relative newbie.  
 > Where do all you back-packers get your topographical maps? I don't want  
 > anything too exotic, just looking for a topo map for my home QTH county or  
 > counties.  
 > I got on the web and couldn't find anything smaller than a state size topo  
 > map.  
 > Trying to locate the tallest hill or land in my general area that I can get  
 > permission to get access to for "mountain-topping".  
 > Any ideas?  
 > Thanks  
 > 72  
 > Scott  
 >

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    / extinct stuff, anyhow? \
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Circuit Design for the  
RF Impaired

Chris Trask / N7ZWY  
Principal Engineer  
ATG Design Services  
P.O. Box 25240  
Tempe, Arizona 85285-5240

Technical Editor,  
QRP Quarterly  
QRP ARCI 9464

Email: [ctrask@primenet.com](mailto:ctrask@primenet.com)  
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

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Date: Fri, 08 Oct 1999 07:30:21 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: qrp-l@Lehigh.EDU
Subject: [52543] FS:MV2301 Varicaps
Message-ID: <37FDF1ED.84751CF0@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
  
```

I picked this up on rec.radio.swap. PLEASE do not contact me I dont have the diodes. KE6F does.

Bruce kk7zz

bmilller@calweb.com has the following for sale:

I picked up a huge handful of new Motorola MV2301 varicaps (no longer in production as near as I can tel) For Sale: Motorola MV2301 200 pf (at 1 vdc) to 60 pf (at 10vdc) varicaps. Q min 250, f=20 Mhz, 6nh self inductance, 0.18pf case capacity. Data courtesy of Luiz, PY1LL.

200 units post paid conus for \$10

Tnx for the read

Bob, KE6F

-----  
Date: Fri, 8 Oct 1999 07:29:37 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: "Chuck Adams, K7Q0" <k7qo@hotmail.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [52544] Re: 2N22/40 and QRPp and Pacificon  
Message-ID: <Pine.GS0.4.10.9910080725310.22999-1000000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 7 Oct 1999, Chuck Adams, K7Q0 wrote:

> Pacificon note: I have an earlier set of the Kent paddles  
> disassembled to restore the brass finish.

I'll be more than happy to help Chuck.....I'll even bring my own files....

> Don't ask me to do Mode A..... :-)

Aw gee Chuck, everyone really did enjoy it the last time....

: -)

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----

Date: Fri, 8 Oct 1999 15:48:33 +0100  
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
To: <kj5tf@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [52545] Re: mW Worked All States progress report  
Message-ID: <007701bf119c\$3568e360\$a632d4@prsat0x1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Worked VE and W's with 40mw (21 MHz CW) a few years ago, so best wishes on  
your target.

Frank G3YCC  
QRP web page <http://www.karoo.co.uk/g3ycc/>

-----

Date: Fri, 08 Oct 1999 11:03:17 -0400  
From: Pete Burbank <plburbank@kih.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [52546] Topo Maps  
Message-ID: <3.0.32.19991008110313.0072f5f8@kih.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Here in Kentucky, the University in Lexington has a facility called  
Mining and Minerals Research which has lots of publications about  
the states geology and you can buy USGS maps for anywhere in the  
state and they have contour lines every 10 feet.  
Also you can purchase a "Geologic" map of the same area which shows

the rock types, strata, fault zones etc.  
The prices are very reasonable. I suspect that a phone call to  
your state university geology department would lead you to a wealth  
of information.  
73 Pete NV4V

-----  
Date: Fri, 8 Oct 1999 08:05:03 -0700  
From: sigcom@juno.com  
To: qrp-1@Lehigh.EDU  
Subject: [52547] Re: Tuna Tin 2 pi output ckt  
Message-ID: <19991008.080844.-3827127.4.sigcom@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Dave and group,

Since changing to Dave Meacham's design and using your transformer, I'm  
getting 50% efficiency in the PA. 13.5 VDC, 47 mA vs. 320 mW out.

I changed the bias to class 'C' and nothing changed except the PA idle  
current dropped to zero.

Maybe my oscillator transistor is a little lazy, but I think I'll leave  
it alone now and the only other change I'll make is to try the 560 pF caps  
in the output.

I'm keying only the oscillator, thus the bias change to class 'C' in the  
PA.

73.....Steve, WB6TNL

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Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Fri, 08 Oct 1999 11:22:35 -0400  
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>  
To: "Kory Hamzeh" <kory@avatar.com>  
Cc: qrp-1@lehigh.edu  
Subject: [52548] RE: 2N2/40  
Message-ID: <3.0.1.32.19991008112235.0070d238@pop.prodigy.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 04:58 PM 10/7/99 -0700, Kory Hamzeh wrote:

>Hi Jim,

Hi Kory.....

>

>By the way, what is the limit on increasing the number of 2n2222 to get more  
>output power?

Well you could probably go to 10 units, with a change in the first  
capacitor of the output filter to keep it at the correct capacitance,  
but I'd don't really think using 10 is a good solution.

>How about using another type of transistor?

My first choice would probably be a 2SC1945, which is a tab style  
TO220 case, with the tab being the emitter, so you don't have to  
do any insulating when mounting it. That part is available from  
Consolidated Electronics in Dayton, and the last time I bought some,  
they were under \$5.00 each in quantities of 10.

My second choice would probably be a 2SC1969, which is the output  
transistor in many CB rigs, and readily available through a number  
of sources including Mouser, their part # 620-2SC1969. Needs to be  
mounted with an insulated washer, since the tab is the collector  
terminal also, and has Vcc on it.

>Ideally, I'd like

>to get about 10 watts out of the unit when I'm done.

Either one of the above transistors should do that with no problem.

You may have to beef up the driver a tad to get to 10 watts output, but  
that could be done with parallel 2N2222s in that stage.

>

>Thanks,

You bet....have fun and happy building.....Jim, K8IQY

-----  
Date: Fri, 08 Oct 1999 04:12:44 -0700  
From: Brian Kassel <bkassel@dancris.com>  
To: QRP-L <QRP-L@lehigh.edu>  
Subject: [52549] Bubba Logs Last Call  
Message-ID: <37FDD1AC.429D99DF@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Folks:

We have finalized the BUBBA logs that we have received. We want to be sure though, that we have all of them. We therefore are extending the deadline period to October 15 1999.

Below is a list of ALL of the logs with claimed scores, that we have received to date. Note, that in many cases we recalculated the final score, as there were some errors in the original QST contest announcement. Don't worry, in all cases the individual's score increased. If your log isn't listed, please send it again by mail to:

Brian Kassel W5VB0  
9200 West Hollywood Ave.  
Peoria, AZ 85345-5529

Or you can Email it (plain text please) to:  
bkassel@dancris.com

In descending order of claimed score:

Call Claimed Score

N4BP 1,188,440

AA5B 626,032

K5ZTY 420,000

NQ9RP 319,056

N5MX 219,280

W5VB0 202,50

W4ED 179,600

WA8GHZ 176,940

K4BAI 174,430

AB5UA 118,576

NQ7RP 107,520

W7TA0 103,360

K8CV 72,238

W1VT 60,176

AD6GI 49,680

K1QM 48,708

WB5QYT 42,966

AE4IC 42,368

AK7Y 41,860

KB9LGJ 35,568

WA8RXI 34,336

N0IBT 19,656

W3BBO 19,656

KB9LCK 18,720

KQ40I 14,400

WA7LNW 12,320

K0ZK 7,800

KB6FPW 2,720

Brian Kassel W5VB0  
AZ ScQRPions

-----  
Date: Fri, 08 Oct 1999 11:29:53 -0400  
From: Ken Newman <N2CQ@citnet.com>  
To: QRP-L@lehigh.edu, njqrp@njqrp.org  
Subject: [52550] QRP Contesting this Weekend  
Message-ID: <3.0.6.32.19991008112953.007db8a0@mail.citnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

October 8-10, 1999

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Pennsylvania QSO Party (CW/SSB) ... QRP Category and Bonus

Oct 09 - 1600z to Oct 10 - 0500z  
Oct 10 - 1300z to Oct 10 - 2200z

Rules: <http://members.aol.com/doughdh/paqsoparty/parules.htm>

~~~~~  
FISTS Fall Sprint (CW) ... QRP Category

Oct 9 - 1700z to Sep 9 - 2100z

Rules: <http://www.fists.org/~fists/sprints.html>

~~~~~  
And Later.....

~~~~~  
Worked All Germany Contest (CW/SSB) ... QRP Category

Oct 16 - 1500z to Oct 17 - 1500z



Rules: <http://home.sol.no/~janalme/rules/wadl.txt>

~~~~~  
RSGB 21/28 MHz Contest (CW) ... QRP Category

Oct 17 - 0700z to 1900z

Rules: <http://home.sol.no/~janalme/rules/rsgb2128.txt>

~~~~~  
Rhode Island QSO Party (CW/SSB) ... QRP Category

Oct 23 - 0000z to Oct 24 - 2400z

Rules: <http://www.99main.com/~ctri/rules.htm>

~~~~~  
QRP ARCI Fall QSO Party (CW) \*\*\* QRP Contest \*\*\*

Oct 23 - 1200z to Oct 24 - 2400z

Rules: <http://www.qrparci.org/arcitest.html#fallarci>

~~~~~  
Ten-Ten International Net Fall QSO Party (CW) ... QRP Category

Oct 30 - 0000z to Oct 31 - 2400z

Rules: <http://listserv.lehigh.edu/lists/tenten-1/rules.html>

~~~~~  
The Zombie Shuffle \*\*\* QRP Event \*\*

Oct 29

Info: <http://www.fix.net/~jparker/norcal/contest/shuffle/shuffle.htm>

~~~~~  
CQ WW DX Contest (SSB) ... QRP Category

Oct 30 - 0000z to Oct 31 - 2400z

Rules: <http://cqwww.com/cqwwwrule.html>

~~~~~  
The Black Cat Tuna Tin 2 Event \*\*\* QRP Event \*\*\*

Oct 30 - 31

Info Below. See <http://www.njqrp.org> for Tuna 2 kits etc.

-----  
Date: Thu, 23 Sep 1999 18:48:05 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: QRP-L@LEHIGH.EDU  
Subject: [51130] The Black Cat Tuna Tin 2 Event

ARRL Hosts the QRP ARCI for a Black Cat Halloween Special Event

On October 30 and 31, 1999 the American Radio Relay League will host the QRP Amateur Radio Club International for a "Black Cat" QRP on-the-air party for all QRPers. For two days, W1AW/QRP will be on the air using the actual original Tuna Tin 2 transmitter designed and built by Doug DeMaw, W1FB! The "Black Cat" theme was chosen to tie the Tuna Tin 2 to Halloween, for a night of ghostly fun that QRPers can talk about for years.

The Tuna Tin 2, so called because it used a common tuna fish tin for a chassis and two 2N2222 transistors was introduced to the world in May, 1976 in a QST feature article by Doug DeMaw. For many hams, it served both as their first QRP experience, and their first building experience.

Even though it disappeared under mysterious circumstances from the ARRL Lab, it was later rediscovered at a hamfest over 100 miles away from ARRL HQ. Rescued from an ingominious end under that hamfest table by Ed Hare, W1RFI, a well-known QRPer who works in the ARRL Lab, it was restored to full operation in June of 1999 by Bruce Muscolino W6TOY/3. It is still in use today! Over this summer, it has had a short but exciting career, on the air from W1AW and W1RFI, travelling to various distant locations and hamfests to let others see the "real deal!" Now it comes home to rest up for this fall's operating event.

The original Tuna Tin 2 operation will be on 40 meters for the entire period. Late night operation will be directed toward working as many DX stations as can be heard! (QRP DX includes many parts of the United States as well as overseas hams.) You don't have to be using QRP to work the Tuna Tin 2, just listen around 7040 kHz for W1AW/QRP and give us a call! Additional Tuna Tin 2 replicas will be operating on 10.106

and 14.060 MHz, to give all the best chance to participate in this QRP extravaganza.

Certificates and special QSL cards will be issued to commemorate this ARRL/ARCI special event. Hams are welcome to stop by W1AW over the event weekend to see the original Tuna Tin 2. Operating time may be limited, but those who wish to operate the original Tuna Tin 2 should be able to make few contacts. Please set aside some time Halloween weekend to work W1AW/QRP, and each other for a weekend of informal QRP fun! Contact Bruce Muscolino, W6TOY (w6toy@erols.com) or Ed Hare, W1RFI (w1rfi@arrl.org) for more details.

A special note. The Halloween weekend also hosts the NorCal Zombie Event. Ed Hare will have a special Zombie number and will be giving it out to any who ask! See you all at this historic event.

-----

72 de  
Ken Newman - N2CQ  
Woodbury, NJ  
N2CQ@ARRL.NET

~~~QRP Contest Calendar~~~  
<http://www.njqrp.org/data/contesting.html>

~~~ NJ QRP Club Callsign ~~~  
WQ2RP

-----

Date: Fri, 8 Oct 1999 08:54:18 -0700 (PDT)  
From: "Jack Oakland, CA" <w6abc@yahoo.com>  
To: qrp-l@Lehigh.EDU  
Subject: [52551] FS:MFJ-9030 30 Meter Transceiver  
Message-ID: <19991008155418.19814.rocketmail@web2103.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Have an MFJ-9030 Transceiver for sale. It is in like new condition. Will sell for \$150 Shipped conus. Just bought a multi-bander and have no need for this rig.

For info:  
<http://www.mfjenterprises.com/transceivers/mfj9040.html>

72,  
Jack

=====

-----  
Do You Yahoo!?  
Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Fri, 8 Oct 1999 11:51:13 -0400  
From: hamjoel@juno.com  
To: qrp-1@lehigh.edu  
Subject: [52552] New Ant going up W/R ANTENNAS  
Message-ID: <19991008.115115.-219873.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

hiGH y'ALL

well I done rubbed some of my cajun mama's \_- cajun kick-a-poo juice on my sore spots for the past few days and am up to another ant project today...

I'm gonna try and put two elements on forty toward alaska.... it should be a minimum of 40ft off the ground... and I have two good trees to use and should not require gettting on the roof... :-)

Course I need a new 14ft closet rod, as the last one is all burnt up... :-) got the rear window on my fishin car replaced and survived two days of strong wind, rain and sneaux... boy this sure an't louisiana...

Hopefully this will be a couple hour project... my cajun mama is already outside with her shootin gun blasting some branches outta the way for me... she sure likes to shoot that thing.... got a scope mounted on it and shooting slugs... u kneaux i haven't seen a gator round here all day... seems they all dissapear when she totes that shot gun....

I willl report on the results of today's effort later....

Joel KE1LA

In Maine

suffering frum the cold and sneaux

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

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Date: Fri, 08 Oct 1999 08:56:36 -0700  
 From: Allan G Taylor <k7gt@arrl.net>  
 To: qrp-l@lehigh.edu  
 Subject: [52553] followon to AL7FS QSO==> WAC/QRP in 30 hours  
 Message-ID: <37FE1434.6EA8@arrl.net>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset=us-ascii  
 Content-Transfer-Encoding: 7bit

Immediately after working Jim AL7FS/QRPP, I happened upon G4UZN and decided to see how far this thing would go. Bagged him easily at 5W, getting the same report(569) that I gave him with his 100W. Then yesterday at noon I heard ZS6VR, Renzo, whom I had previously worked at 100W. A quick call after his in-progress QSO yielded a response. He asked me how much power I was running. 5W, then HE dropped to 5W as well. OK, 2XQRP to Africa. Then heard KH6CC, Jack, and had a quickie with him. OK almost there. Then after work and before my teaching assignment I found Deal, BA4TB, also previously worked. He responded preferentially to the QRP station (K7??/QRP), OK, Asia. Happened across the Germans in TOnga: A35SO.(2 Oceania is OK...) Now only missing So America. Found LU6AY going at 50wpm+ with a very strong echo. Unintelligible. I asked for a QRS. Got one to 40. Just then QSB hit so that he didn't get the call. Impatience. He was off again at 50WPM+ in an echo chamber. OK. Try something different. Down to 15m. Happened across LU4FD with a nice clean (echo-free) signal 579. Bang. WAC/QRP in about 30 hours of off-hand operating. Only the LU4 was on other than 10m.

Oh, Jim, N0UR followed my QSO with ZS6VR to also get 2XQRP to Africa.

The conversation on the TT2 low-pass filter mods are very interesting but I have it working now... something about letting sleeping dogs lie?

--

|                               |               |                         |
|-------------------------------|---------------|-------------------------|
|                               |               |                         |
|                               | /             |                         |
|                               | /             |                         |
|                               | /Z   \        |                         |
| Allan Taylor K7GT             | /  /599  \    | k7gt@arrl.net           |
| Pleasanton CA CM97aq          | /_ /____ __\  | http://www.qsl.net/k7gt |
| ...QRO, QRP, or barefoot..... | [ \--===== -/ |                         |

~~~~~

Date: Fri, 8 Oct 1999 09:57:52 -0600  
 From: "Marshall Emm" <mgemm@mtechnologies.com>

To: qrp-1@lehigh.edu  
Subject: [52554] WWVB  
Message-ID: <199910081555.JAA31673@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Al said--

>>However, when left to it's own devices, and sitting in a purely  
random location overnight, it seems to be setting itself.<<

That's in accordance with my expectations, after having talked to John  
Lowe at NIST. The propagation map on their web site, based on 1900 hrs  
UTC last July, is essentially a "worst case" map. It shows solid coverage  
over almost all of the continental US, and John tells me a safe rule of  
thumb would be that coverage would be approximately double at night.

I get the impression they are not exactly in the QSL business, but he did  
tell  
me they had reports of usable signal in Chile.

For those that are interested, the transmitter output is fairly constant  
around 45Kw, but they have been playing with two separate antenna fields.  
Now here's the kicker-- they intend to run both antenna fields as a phased  
array, which will provide a big boost to ERP.

Meanwhile, at least with the little Atomic Time Travel clocks, which are  
the only ones I have any experience with, I can confirm that it is a bad  
idea to keep one near a computer, TV, or other video monitor, and that  
reception will indeed be improved by placing them near "unintentional"  
antennas such as phone wires, house wiring, or even the coax coming into  
your shack.

Another thing to watch when first turning them on is you should avoid the  
temptation to play around with the position until it has synched. It  
needs to receive a stream of data, and if the stream is interrupted it has  
to "start over." It's a bit like manually hacking to WWV and missing the  
"minute"-- you just have to sit there and wait for it to come around  
again. I found that out the hard way the other night when I presented one  
to a friend, in a restaurant, with a bunch of other people who just had to  
pick it up every few seconds to see if it had synched. Took about 5  
minutes, despite enough signal strength (about 30 miles from the  
transmitter) to make toast.

Marshall Emm  
N1FN/VK5FN  
n1fn@MorseX.com  
Morse Express and Oak Hills Research  
"Everything for the Morse Enthusiast"  
<http://www.MorseX.com>  
<http://www.ohr.com>  
(303)752-3382  
--

-----  
Date: Fri, 8 Oct 1999 12:03:00 -0400 (EDT)  
From: Joel Malman <malman@world.std.com>  
To: N2CQ@citnet.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [52555] Re: QRP Contesting  
Message-ID: <199910081603.MAA14609@world.std.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

Ken,

All this QRP contesting !! WOW, I must be in QRP contest heaven.

BTW: The PA Contest folks are having a Pre-Contest Net to chat about the contest, swap stories, etc. The net is at 0000z (8pm Eastern Time). on 3910 (Lower Side Band). TONIGHT (Friday, USA time).

I have been told that everyone can QNI and join the fun.

--  
/joel K1QM (Ex-wa1qvm) Concord, Massachusetts  
QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

-----  
Date: Fri, 8 Oct 1999 09:23:55 -0700  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: "QRP-L List" <qrp-l@Lehigh.EDU>  
Subject: [52556] Team Foghorns  
Message-ID: <01bf11a9\$84419920\$1fd3fc9e@ham.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

From: Andreas Junge <Andreas@atltech.com>  
> To: Low Power Amateur Radio Discussion <owner-qrp-1@Lehigh.EDU>  
> Date: Tuesday, October 05, 1999 10:30 PM  
> Subject: Fox Team "The Foghorns" SF Bay area  
>  
>  
> >Fellow Fox Hunters,  
> >  
> >another fox hunting team is ready for action.  
> >  
> >I am proud to announce the San Francisco Bay Area "Foghorns".  
> >  
> >Team members are :  
> >  
> >Bob, N6WG (Newark) - K2  
> >Conrad, NN6CW (Redwood City)- K2  
> >Andreas, N6NU (Menlo Park) - K2  
> >Jon, AD6FX (Palo Alto) - TT Omni VI  
> >  
> >73,  
> >  
> >Andreas, N6NU  
> >Menlo Park, CA  
> >K2 #00014

-----  
Date: Fri, 8 Oct 1999 12:26:12 -0400 (EDT)  
From: James Skalski <jskalski@localnet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [52557] Trade 6M transverter for DSW-40  
Message-ID:  
<Pine.LNX.4.04.9910081224040.22956-100000@valhalla.valhalla.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello,  
I have a 10 watt 6M transverter. It takes 28mhz IF for receive and  
transmit on 6 meters. Will trade for a DSW-40.

73,

Jim n2go



-----  
Date: Fri, 8 Oct 1999 12:30:16 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: QRP List <qrp-l@lehigh.edu>  
Subject: [52558] FOXHUNT!!! Text Schedule v 1.1  
Message-ID: <Pine.OSF.3.95.991008122747.24390B-100000@saturn1.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here's the TEXT version 1.1 of the 1999/2000 QRP-L Foxhunt.

Changes: 1.1 KU7Y is now RON

Kids, remember the DATE is in GMT, the REAL operating times are Mon and Wed nights in North America in 1999 - AND - Tues and Thurs evenings in 2000.

Date GMT	Time GMT	Fox	Name	QTH
10/26	0000	K10J	OJ	TX
10/28	0200	NA6E	MARY	CA
11/02	0100	AB5UA	CLIFF	OK
11/04	0200	W0MC	JERRY	CO
11/09	0100	K1JD	JOHN	RI
11/11	0100	NF9K	JOEL	MN
11/16	0100	W8RU	RON	MI
11/18	0200	N5TW	TOM	TX
11/23	0200	K5LN	BILL	TX
11/25	0200	K0EVZ	DOC	ND
11/30	0200	N7RR	BRUCE	WA
12/02	0100	K1MG	MIKE	CA
12/07	0100	KV2X	TOM	NY
12/09	0100	KF4AR	RICK	NC
12/14	0100	AB5WX	DAVE	TX
12/16	0200	N4DD	DENNIS	TN
12/21	0200	N0TU	STEVE	CO

Tip: Look for a blowout Y2K Fox Party announcement during the Holidaze

01/05	0100	K7GT	ALLAN	CA
01/07	0100	N0AR	SCOTT	MN
01/12	0100	WT9S	JAY	IL
01/14	0200	N7MFB	BILL	WA
01/19	0100	AF5Z	BOB	TX
01/21	0200	K8CV	WALT	MI
01/26	0100	N7CQR	DAN	OR

01/28	0200	KF2PH	NICK	NY
02/02	0100	WV3J	PAUL	VA
02/04	0100	W8SFF	STEVE	MI
02/09	0200	AE2T	AL	NY
02/11	0200	N1FN	ET	CO
02/16	0100	NW7DX	BEN	WA
02/18	0200	N0IT	DAVE	MO
02/23	0200	W8RO	FLOYD	MI
02/25	0200	N1TP	TOM	FL
03/01	0100	NQ9RP	CHEESE	WI
03/03	0000	KQ5U	TERRY	TX
03/08	0200	N5IB	JIM	LA
03/10	0000	N0UR	JIM	MN
03/15	0200	WD4ET	JEFF	FL
03/17	0200	KU7Y	RON	NV
03/22	0200	AB7CE	ROY	MT

cut it out and paste it to the fridge.

Foxhunt 2000 web site <http://www.acs.oakland.edu/~prvalko/foxhunt.htm>

73! =paul= W8KC

Collector of Ten\*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

-----

Date: Fri, 8 Oct 1999 10:34:02 -0600 (CST)  
 From: Bruce Rattray <[rattray@gpfn.sk.ca](mailto:rattray@gpfn.sk.ca)>  
 To: Low Power Group <[qrp-l@LeHigh.EDU](mailto:qrp-l@LeHigh.EDU)>, QRP-Canada <[qrp-canada@lists.gpfn.sk.ca](mailto:qrp-canada@lists.gpfn.sk.ca)>  
 Subject: [52559] Thanksgiving  
 Message-ID: <Pine.LNX.3.95.991008093824.6231D-1000000@neale.gpfn.sk.ca>  
 MIME-Version: 1.0  
 Content-Type: TEXT/PLAIN; charset=US-ASCII

I want to say "Happy Thanksgiving" to everyone on the QRP-Canada & the QRP-L mailing lists, seeing Monday is the Canadian Thanksgiving Day this year...even though, like most people, Bonnie and I have to deal with health problems on top of everything else from day to day, we have many, many things to be thankful for at this point in our lives....within the entire "mix of life" for me are these mailing lists....since becoming involved with QRP and the QRPers I have experienced no-end of fun and

learning, thanks to all who subscribe to QRP-Canada and QRP-L.....many thanks to the Great Plains Free Net in Regina, who have made this list possible and who continue to help us whenever things go wrong...to the people who have made things like the "Spring Bouquet" operating event, the sponsorship of the RAC QRP plaques, the many operating events which have sprung from the QRP-L membership over the years, the fox hunts (Oh the fox hunts! many many stories there!), the Fox Hunt Team Plaque, the fine kits, the constant exchange of information, the how-to-do-this, how not-to-do-this, how to try-this-and-see and then post the results, the QRP conventions (I must get to at least one of them soon for ONE main reason only and that is to meet you all in person!), ARCI, NORCAL, G-QRP, all the QRP clubs, the Internet, the QRP web sites, individuals who daily give of themselves and their precious time to benefit QRPers everywhere and.....you know, I just realized that all of this and more totals up to an amazing thing for me...besides being married to Bonnie, who is the best thing that ever happened to me, I'm a member of the "QRP FAMILY!"..... what a fantastic reward in life for me, to know that I have wandered through this wonderful hobby over the years and been lucky enough to find my way to QRP.....as Bonnie's father used to say often life should be "Everything in moderation."...I believe that we all constantly search for our own "inner peace and contentment" ....it doesn't come easily...but with the help of those around me I realize that although I'm not 100% to this life-time goal, I'm REALLY close!....and I owe it all to each of you....my personal thanks for making this one of the best "Thanksgivings" I've had in years!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,  
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

-----  
Date: Fri, 8 Oct 1999 12:04:07 -0500  
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
To: <rattray@gpfn.sk.ca>, "'Low Power Amateur Radio Discussion'" <qrp-  
l@Lehigh.EDU>  
Subject: [52560] RE: Thanksgiving  
Message-ID: <000001bf11af\$22928580\$ef5d6f81@uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

In 1621 the pilgrims gave thanks for surviving another year, the Indians gave thanks for surviving another pilgrim.

-----  
Date: Fri, 8 Oct 1999 11:11:14 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [52561] Latest:40 mtr fox hunt Teams  
Message-ID: <Pine.LNX.3.95.991008104141.6231F-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

With the entry of the "San Fransisco Bay Area Foghorns", we're now up to  
16 Teams trying to get their names & calls etched on the Team plaque!  
Might this be an all-time record for number of fox hunt Teams?

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,  
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

\*\*\*\*\*

20th. MAINE BENGAL BEARS:

-----

Jim - N5IB  
Butch - N5SMQ  
Bill - NT1R  
Joel - KE1LA

BLUE J's:

-----

John - VE3JC  
Jim - VE6JWA  
Jeff - VA3JFF  
Jon - TF3JA

DURHAM MORSE MEN:

-----

Jim - VE3KQN  
Ken - VE3ELA  
John - VA3JE  
Garry - VE3REP

EMPIRE HOUNDS:

-----

Dick - K2REB  
Kevin - N2TO  
Mark - N2JTW  
Nick - KF2PH

HOUSTON HOUNDS:

-----

Bill - K5ZTY  
Bill - W5SB  
Terry - KQ5U  
Dan - KK5LD

MANGY MUSHERS:

-----

Pete - NV4V  
Paul - VE7CQK  
Bruce - N7RR  
Ed - K1VP

OKLAHOMA TORNADOS:

-----

Cliff - AB5UA  
Royce - KE5TC  
Don - K5AAR  
Gody - AC6UV

RAIDERS of the LOST RF:

-----

Fred - VE3FAL  
Earl - VE6EWM  
Mary - NA6E  
Bruce - VE5RC

SCATTER SHOT GUNNERS:

-----

Mike - K1MG  
Jack - W5TFB  
Stan - N6XU  
Pat - K0PC

SWAMP RATS:

-----

Tom - N1TP  
Mac - KF4KSM  
Fred - W2XN  
Paul - AJ4Y

TEAM CRAMP.COM:

-----

OJ - K10J  
George - K5VUU  
Mike - K5NZ  
Eric - NM5M

UNDERDOGS:

-----

Roy - AB7CE  
Dan - N4ROA  
Brian - KB9BVN  
Ron - KI0II

SFBA FOGHORNS:

-----

Bob - N6WG  
Conrad - NN6CW  
Andreas - N6NU  
Jon - AD6FX

SWORDS:

-----

Rick - WB6JBM  
Andy - KC8KFI  
Doc - K0EVZ  
Dan - N8IE

TEAM ScQRPion:

-----

Floyd - NQ7X  
Gary - AB7MY  
Conard - WS4S  
Bob - KI7MN

WESTERN WRANGLERS:

-----

Randy - K7TQ  
Chuck - K7QO  
Steve - WW7Y  
Ron - KU7Y

....who's next??....this is shaping up to be another good fun year for the  
40 mtr Fox Hunt Team competition!...please let me know if I have any  
errors in the list...thank you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,  
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

-----  
 Date: Fri, 8 Oct 1999 13:16:09 -0400  
 From: "Ron Polityka" <wb3aal@talon.net>  
 To: ". QRP-L" <qrp-l@Lehigh.EDU>  
 Subject: [52562] Loop Question  
 Message-ID: <002901bf11b0\$d1a48680\$27e508cf@wb3aal>  
 MIME-Version: 1.0  
 Content-Type: text/plain;  
     charset="iso-8859-1"  
 Content-Transfer-Encoding: 7bit

Hello,

I live in the city on the end of a block. My home is about  
 15' wide by 90' long. I was going to run a horizontal loop  
 around the top part of the house, so it would be 90' x 15' loop.

My question is will the loop work with the feed end about  
 15' higher than the other end? Will the difference in high  
 affect the lobes?

	20' high	30' high
	-----	
	1	1
	1	1
Ladder Line		
	1	1=====
	1	1
	1----- 1	

Thanks in advance!

72 & 73  
 Good DXing

Ron Polityka  
 de WB3AAL  
 wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv  
[http://www.kpsnet.com/wb3aal/Start\\_Page.htm](http://www.kpsnet.com/wb3aal/Start_Page.htm)

Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153

SETI @ Home Project  
<http://setiathome.ssl.berkeley.edu>

-----  
Date: Fri, 08 Oct 1999 13:16:17 EDT  
From: charles k brown <n4so@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [52563] Maxim Full Line Data Catalog  
Message-ID: <19991008.171423.7191.2.n4so@juno.com>

I received this in the mail and do not use it.  
It's a CD-ROM Maxim Full-Line Data Catalog and contains Adobe Acrobat 3.0  
Reader. 1999 edition.  
Will send for postage.

Ken Brown N4SO  
Mobile, AL/EM50tk  
NorCal-20/5 watts/4 ele. beam

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Fri, 08 Oct 1999 10:30:10 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [52564] Name That Bug!  
Message-ID: <37FE2A22.9DD5747B@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Happy Friday. just when I thought I was safe, I get  
another project to do. Hooray!

Anyway, my pal Bud/W6FQ has his grandfather's Bug for me to 'See what I can do', to get it running again.

But it is stealthily clad, no identifiers except 'Japan' underneath on the base.

I thought maybe someone here might want to help identify it, should be fun, and this group has some very knowledgeable people.

Description. Except for the 1/4 inch plug to the rig, the unit appears totally stock.

Right side view: Black, single paddle shaped like airplane rudder, Clear plastic Cover fits snugly on Black Bakelite base. The plastic cover has 5 grooves protruding into the bug but smooth on top, externally. Underneath, a heavy iron base appears to be detachable and held into the bakelite frame by two screws from inside the frame, one screw under the pivot arm and the other near where a damper weight would sit on a vibroplex.

The reed appears broken after the dit contact, furtherst from the paddle. There is a post at a far corner away from the paddle and opposite the dit contact that has a slot in it and a retaining screw. Perhaps a return spring or something goes here connecting to the reed?

As it is, it appears to be a cootie bug. There is a nice metal label held on by tiny brass screws. It is opposite the slotted post and is attached to the bakelite housing. It has a 0 to 10 Scale and an "S" near the Zero and "F" near the 10 and The word "Speed" centered below with arrows pointing toward the "S" and "F" to each side.

There are 3 larger knurled adjustment wheels on the left side of the paddle and spaced every inch with the closest, paddle adjuster holding a spring, the next controlling swing on the dit side, and the last affecting dit spacing. The right side has one for the dah throw and dah return spring and a smaller nut/thread unit for stopping the reed.

4 rubber feet attempt to keep it solid on the table but are a bit stiff with age as usual.

Any help out there please? Of particular interest to me is the configuration of the part after the dit contact where some reed should exist?



Hopefully I'll get this going for Bud soon. If not, I've been meaning to practice the Cootie anyway. Looks like there was some masking tape holding the DAH/DIT lever together at one time.

Have a great weekend all! 72/Ed we6w

--

-Ed AR Millennium Q's=>1400/2000 QRP-L#1068 Old NC#2227  
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

-----  
Date: Fri, 8 Oct 1999 12:46:00 -0500  
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)  
To: qrp-l@Lehigh.EDU  
Subject: [52565] FS: Knwd TS-570D(G) & Astron 20A both MINT!!  
Message-ID: <001C2D56.4159@ccgate.dl.nec.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Description: cc:Mail note part

Hello gang,

Will offer this here first.

TS-570D(G) - bought new in March 1999, still has 6 months left on the original warranty. In perfect condx both inside and out. Was treated with extra TLC - never mobile in non-smoking shack. Comes with hand mic, ps cable, original accessory plugs, manual, and shipping box. These go for \$1099 at AES and HRO. Asking \$850 + shipping of your choice to conus. Also included is an Astron 20A ps. This is 3 years old, but has been used very little and is in MINT condx as well. I have the original shipping box for it too.

Reason for selling these is received a new rig and ps for a gift recently and these are excess to my needs. If I can answer any questions about the gear, please contact me.

Please respond direct. Thanks!

73 de Dave, NR3E  
QRP-L #25  
nr Dallas, TX

-----  
Date: Fri, 08 Oct 1999 13:52:16 -0400  
From: osier <osier@northnet.org>  
To: qrp-1@lehigh.EDU  
Subject: [52566] An "OD" ater 10 years !!!  
Message-ID: <37FE2F50.79A87586@northnet.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello All !!!

A bit wide on bandwidth here but worked my FIRST "OD" !!!!!  
Been a ham fer 10 years and only heard 1 "OD" in all that time !!!!  
OD5NH and OD5UI are on as of 1700 z ...running a Ten Tec Argo 509  
...about 2  
watts PEP here into a Cushcraft AR-10 Ringo up 20 ft .

Happy Dance !!!!!

George , N2JNZ/QRP

-----  
Date: Fri, 08 Oct 1999 11:00:32 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-1@lehigh.edu, w5juc@juno.com  
Subject: [52567] Re: Name That Bug!  
Message-ID: <37FE3140.8DBD0F62@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Gang. Wow. That was fast.

Woody/w5juc came back with "Hi Mound". The web search  
found it as a BK-100 Semi-auto Key (Bug) as pictured  
at: <http://www.MorseX.com/hk.htm>

Now to find more details and a replacement arm or  
usable repair method.

Thanks! 72/Ed we6w

--

-Ed AR Millennium Q's=>1400/2000 QRP-L#1068 Old NC#2227  
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

-----  
Date: Fri, 8 Oct 1999 11:01:11 -0700 (PDT)  
From: Paul Erickson <paule@sfu.ca>  
To: qrp-l@lehigh.edu (qrp)  
Subject: [52568] 10 Mhz oscillators?  
Message-ID: <199910081801.LAA24979@fraser.sfu.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

If any of you who got the 10mhz oscillators from ed find out you  
don't need them, please contact me. Hopefully we can work out a  
deal.

cheers, Paul - VE7CQK - email: paule@sfu.ca

-----  
Date: Fri, 8 Oct 1999 11:05:09 -0700  
From: Dave Barrett <DBarrett@creo.com>  
To: "'QRP-L'" <qrp-l@Lehigh.EDU>  
Subject: [52569] FS: Icom 765 and matching Speaker  
Message-ID: <CE0A40BFE0CDD111A2B800A0C99B83EB02618E4F@msgcreo2.creo.bc.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Hi All

Sorry for the bandwidth ! I have a mint condx Icom 765 and  
matching Speaker with audio filters and hand mic for sale, New it cost me  
CAN\$4995.00 3 years ago, It has seen virtually no use as QRP is my  
passion, Its in excellent like new condition and is a steal at \$1900 buyer  
pays for shipping.....If you know any hams that might be interested please  
have them contact me direct.

Thanks

Dave VE7PCC Vancouver BC Canada

-----  
Date: Fri, 8 Oct 1999 14:09:03 -0400

From: "David Maliniak" <dmaliniak@penton.com>  
To: qrp-1@lehigh.edu  
Subject: [52570] I smell a new name...  
Message-ID: <85256804.0063D53F.00@mail2.penton.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

Maybe a Tuna Tin 2 with a Jersey Fireball amplifier should be called:

The Kahuna Tuna?

72,  
David N2SMH  
Glen Rock, NJ

-----  
Date: Fri, 8 Oct 1999 14:13:17 EDT  
From: REDSBOY@aol.com  
To: qrp-1@lehigh.edu  
Subject: [52571] How do I phone Dan's Parts?  
Message-ID: <0.494afb67.252f8e3d@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

It's 1:00 PM and for over three hours I have been trying to phone Dan's Small Parts. I used (406) 258-2782 - - That's the number he has on his website, and the site was updated today. I get no answer.

Is there some trick I'm missing?

HALP!

Karl - W4UTI

-----  
Date: Fri, 8 Oct 1999 14:38:51 -0400  
From: "David Maliniak" <dmaliniak@penton.com>  
To: qrp-1@lehigh.edu  
Subject: [52572] Dan's 2N2/40 kit  
Message-ID: <85256804.00668FF9.00@mail2.penton.com>

Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

Does anyone out there know whether the kit Dan's Small Parts is offering is up-to-date with any of the mods that have been published?

72,  
David N2SMH  
Glen Rock, NJ

-----  
Date: Fri, 8 Oct 1999 14:43:35 EDT  
From: G3TUX@aol.com  
To: we6w@qsl.net, qrp-1@lehigh.edu  
Subject: [52573] Re: Name That Bug!  
Message-ID: <0.59ed0cd2.252f9557@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

The bug you describe was variously made by Hi Mound, Swallow and others in JA land. I have a couple of boxed specimens on my used key shelf. The weakest point of these keys is the plastic cover.

73, Chris G3TUX Stockist of Bencher, DK1WE, Kent, Samson, Schurr and Swedish pump keys and keyers.

-----  
Date: Fri, 8 Oct 1999 14:58:42 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:hamjoel@juno.com" <hamjoel@juno.com>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Subject: [52574] Help w/Antenna Mast(s) Questions  
Message-ID: <199910081501\_MC2-881D-D7D8@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain;  
charset=us-ascii  
Content-Disposition: inline

Joel and Gang:

Here is what may be an unusual question. Sure could use your input and expertise, as I need to do it \*right\* the first time :-).

Am planning on installing at least 3 huge telephone poles on my 5 acre property. These will be used simply to hoist up various wire antennas. I have found 3 excellent used poles, and have verbally agreed to have them installed next Wednesday or Thursday, etc.

I am interested in having enough flexibility to put up horizontal loops, and/or combinations of other wire antennas, including vertical yagis, inverted vees, etc. Even want to experiment with wire verticals. I would like the option of actually re-aiming the antenna(s) to have a better shot during the upcoming FOX hunts. The poles will be non-conducting so having them seems like a great idea, at least to me.

So what configuration would you think about for yourself? The land is flat and essentially without trees (though we have the necessary tall bushes for wind breaks). Should I bite the bullet and go for 4 poles in a square, instead of only 3? And if 3 only, should I go for a triangle and the possible of a triangular horizontal loop? The longest pole will be 60 feet and the others 50-55 each....but 8 feet is lost in the hole in the ground. Still gives me lots of height, etc. Further, how far \*apart\* should these be? Space is not a real consideration, luckily.

I plan to have pulleys, etc., sort of like huge flag poles, to hoist the antennas. So if this thing works right, I could finally have a good QRP signal, one that people can hear.

But obviously I don't to make a major mistake. Please let me have your ideas. IE, what if you were planning something similar for yourself?

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

70511.3041@compuserve.com

-----  
Date: Fri, 08 Oct 1999 12:02:44 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [52575] Deja' Vu K2  
Message-ID: <37FE3FD4.A32AE68C@qsl.net>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi agn gang. first, thanks for all the responses on the BK-100 Hi-Mound Key. It appears to have been intentionally converted to run a keyer and we will attempt to return it to 'Bug' status with home-made parts due to the parts costing as much as a new one.

Anyway, I started building the second K2 last night.  
S/N:556 If memory serves.

Wow, talk about feeling like you've done something before.

Har! Seriously, just wanted to say that the first go-round really helped. Heck, I'll be starting the RF board tonight.

If it gets any easier I'll be done before I start.

<... laughter finally subsides...> Reminds me of a project timeline on a mobius strip.... (Dilbert)

Anyway, just wanted to share a simple soldering tip. (Yes, a reason for Ed's post!)

I couldn't locate my solder-spooling device last night. It holds the 1 Pound spool of solder so you can pull on the line and have it unreel conviently. So a good alternative is to place a suitable piece of wood doweling in a vice and set your solder spool on the dowel. No more walking-talking, battery-shorting solder wire problems!

Simple, easy, and nothing new to most, but a real timesaver.

Have a grand weekend. 72/Ed we6w

--

-Ed AR Millennium Q's=>1400/2000 QRP-L#1068 Old NC#2227  
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

-----  
Date: Fri, 8 Oct 1999 15:54:10 EDT  
From: DOCROCK1T@aol.com  
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)  
Subject: [52576] Re: Help w/Antenna Mast(s) Questions  
Message-ID: <0.c5a68e9.252fa5e2@aol.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Doc Lindsey/K0VZ wrote:

" Should I bite the bullet and go for 4 poles in a square, instead of only 3? And if 3 only, should I go for a triangle and the possible of a triangular horizontal loop? The longest pole will be 60 feet and the others 50-55 each....but 8 feet is lost in the hole in the ground. Still gives me lots of height, etc. Further, how far \*apart\* should these be? Space is not a real consideration, luckily."

Hello neighbor es list...

Wow!!! Five acres to play with antennas!!! That is great to have that much elbow room for the antennas. I live in town and am on 2.5 city lots, so I am limited...but, manage to have much fun anyway.

After reading your post soliciting suggestions for your support pole lay-out, my initial thoughts are that you should "bite the bullet", as you say, and go for the fourth pole. That way, you are never going to be plagued with "what if" post construction thoughts. If you have four supports, you will be able to do everything you can do with three...and MORE!

I would suggest a diamond shaped layout with one of the poles nearest your shack to shorten you feedline as much as possible to minimize loss. Place the second and third furthest poles one full wave length...plus a few feet...of the lowest frequency you intend to operate. This is to say that the two poles to the right and left sides of your layout (diamond) would be at least a full wave length. This offers remote switching possibilities to end-fed wires terminated in different directions. You may wish to set the pole furthest from you, which would elongate the diamond a bit, to a full two wave lengths for different "longwire" applications. Additionally, place your tallest pole furthest from you to apply somewhat of a positive launch angle to the antennas, especially the longwires. If nothing else, it will help compensate for "sag" at that extended distance.

Another advantage to having four supports is that you can use the first three poles for higher frequency loops without having long support lines.

I run portable operations through Spring, Summer and Fall in the mountains of Montana and Wyoming and attempt to find campsites with tree patterns similar to those I described for you phone poles. Works for me!

72/3...



Rick...KB7MPG  
Livingston, Montana

-----  
Date: Fri, 8 Oct 1999 13:58:02 -0600  
From: "Alyn Backe" <ve6bpr@cnnnet.com>  
To: "qrp-canada" <qrp-canada@lists.gpfn.sk.ca>  
Cc: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [52577] Black Cat Halloween Event  
Message-ID: <00ab01bf11c7\$6eb84f40\$8c06e5cf@laptop>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello.  
I'm looking for the details - operating start times, exchange, etc. for the  
Black Cat Event. I checked the ARCI website but I couldn't find anything.  
Does anyone know of an on-line webpage with the details?

72/73, AL, VE6BPR...dit dit

-----  
Date: Fri, 8 Oct 1999 16:04:53 -0400  
From: "ai2q" <ai2q@ispchannel.com>  
To: <dmaliniak@penton.com>, "'Low Power Amateur Radio Discussion'" <qrp-  
l@Lehigh.EDU>  
Subject: [52578] RE: Dan's 2N2/40 kit  
Message-ID: <000101bf11c8\$64014740\$5c32a7d0@ai2q.ispchannel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hey David, there are no "modifications," per se. There were some errors in  
the toroid winding drawings, and a few omitted details on the schematic, but  
no heavy-duty mods.

About the only thing I had to do to get mine working FB was to adjust  
(reduce) the gain in the IF strip, and add two more 2N2222s in a  
multivibrator config for a sidetone oscillator. I also added a variable cap  
in the receiver front-end instead of a fixed one, and had to pad the VFO to  
get it to cover the range I wanted.

I'm certain you could build the rig with 99.99% conformance from the parts

Dan's Small Parts supplies. His price seems like a sweet deal, too. I think I spent more than what he's asking on parts for mine, and i have a very well stocked junkbox!

It was good chatting with you the other day.

GL es vy 73, AI2Q, Alex .-.-.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of David Maliniak  
Sent: Friday, October 08, 1999 2:39 PM  
To: Low Power Amateur Radio Discussion  
Subject: Dan's 2N2/40 kit

Does anyone out there know whether the kit Dan's Small Parts is offering is up-to-date with any of the mods that have been published?

72,  
David N2SMH  
Glen Rock, NJ

-----  
Date: Fri, 8 Oct 1999 16:06:01 -0400  
From: "ai2q" <ai2q@ispchannel.com>  
To: <REDSBOY@aol.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [52579] RE: How do I phone Dan's Parts?  
Message-ID: <000201bf11c8\$8c02fa40\$5c32a7d0@ai2q.ispchannel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I've caught him in the evenings, East coast time.

But, he's very responsive to mail order. I don't think he really expects to conduct biz via landline.

Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of REDSBOY@aol.com

Sent: Friday, October 08, 1999 2:13 PM

To: Low Power Amateur Radio Discussion

Subject: How do I phone Dan's Parts?

It's 1:00 PM and for over three hours I have been trying to phone Dan's Small Parts. I used (406) 258-2782 - - That's the number he has on his website, and the site was updated today. I get no answer.

Is there some trick I'm missing?

HALP!

Karl - W4UTI

-----  
Date: Fri, 08 Oct 1999 13:28:50 -0700

From: Ed Loranger <we6w@qsl.net>

To: qrp-1@lehigh.edu

Subject: [52580] Close but NO CIGAR. (Arrl Hdbk and Code)

Message-ID: <37FE5402.5F2C516A@qsl.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Gang, I was at once impressed and also confused at the same time.

The morse code section at the back of the 1999 ARRL Hdbk is very thorough! (Spelling? de'javu?)

Anyway, of particular note, and I've been meaning to bring this up for some time, is the CUT NUMBERS.

Who in their right mind would send cut numbers as specified there?

THE REAL ONES are:

1     didaH     \*-

2	dididaH	**-
3	didadaH	*--
4	didididaH	***-
5	dididiT	***
6	dadididiT	-***
7	dadadiT	--*
8	dadidiT	-**
9	dadiT	-*
0	daH	-

Some background:

In the numbers 1,2 and 6,7 it is common to FEEL the count. Dits for numbers 1 and 2 and the Dah's for 6 and 7.

The later numbers:3,4 and 8,9 the count is heard at the end with DAH's in the 3,4 and dits in the 8/9 sequence.

5 and 0 are set unmistakably. One would not want to use a single dit for 5 due to the probability of QRN crashes.

The above are the REAL Cut numbers.

72/Ed we6w

--

-Ed AR Millennium Q's=>1400/2000 QRP-L#1068 Old NC#2227  
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

-----

Date: Fri, 08 Oct 1999 13:28:59 MST  
From: "Chuck Adams, K7Q0" <k7qo@hotmail.com>  
To: terryb@bmts.com  
Cc: qrp-l@lehigh.edu  
Subject: [52581] Re: The ARRL Word on The Buzzsaw  
Message-ID: <19991008202859.58715.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Terry,

Is this some kind of test from the new Canadian section  
as a protest for not getting a mult for CW and SSB SS in Nov?

: -)

As a reminder for all you CW ops. You'd better be brushing up on  
the random calls as CW SS weekend is just around the corner.  
Anyone up to the challenge this year? Let's all get on and do  
200 Qs (contacts to you newbies) and send in the logs. Set yet  
another record for the number of QRPers entered....

FYI es cu there from 7,000' this year

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>  
All QSLs to Box 11840, Prescott, AZ 86304-1840  
Waiting on FCC ULS to catch up on update(s).....

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Fri, 8 Oct 1999 16:42:43 EDT  
From: Shepherd@aol.com  
To: qrp-l@lehigh.edu  
Subject: [52582] Re: The ARRL Word on The Buzzsaw  
Message-ID: <0.f99bf60a.252fb143@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

In a message dated 10/8/99 4:31:44 PM Eastern Daylight Time, k7qo@hotmail.com  
writes:

> As a reminder for all you CW ops. You'd better be brushing up on  
> the random calls as CW SS weekend is just around the corner.  
> Anyone up to the challenge this year? Let's all get on and do  
> 200 Qs (contacts to you newbies) and send in the logs. Set yet  
> another record for the number of QRPers entered....  
>  
> FYI es cu there from 7,000' this year  
>  
>  
>  
> Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>  
> All QSLs to Box 11840, Prescott, AZ 86304-1840

> Waiting on FCC ULS to catch up on update(s).....

I'll be there, gonna run both the CW es SSB QRP!

73

Dan, N8IE

-----  
Date: Fri, 08 Oct 1999 13:59:19 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [52583] OSCILLATORS (10 MHz OXC0, Lab quality)  
Message-ID: <37FE5B27.FC0F27F0@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Friends, I have exactly (1) Oscillator left that must net me a decent test equipment item or quality trading stock.

I can definitely use a WM-2 or other significantly accurate QRP wattmeter for my bench. A bolometer or better device OK as well.

MFJ-271 with ALL the GDO stuff, schebang?

Those of you who have received one of these from me, do know how awesome they are.

I wish I had more to give away but I don't.

Thanks. dit dit. 72/Smilin' Ed cu at p'con!

--

-Ed AR Millennium Q's=>1400/2000 QRP-L#1068 Old NC#2227  
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

-----  
Date: Fri, 8 Oct 1999 17:14:13 EDT  
From: K2UD@aol.com  
To: we6w@qsl.net  
Cc: qrp-l@lehigh.edu  
Subject: [52584] Re: Name That Bug!  
Message-ID: <0.1a2510b8.252fb8a5@aol.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

You have a Skilman, Hi-Mound BK-100, Lafayette or some other type. I have a Skilman, the gold leaf lettering is visible between the lone and shorts ribs on the plastic cover.

The modern day variant is the Hi-Mound. The others were made in the 60s and 70s, perhaps earlier. They are descendants of the early Japanese Swallow bugs. They are not the easiest bugs to use, they are certainly not Vibroplexes! They are interesting though.

72

Howard Kraus, K2UD

-----  
Date: Fri, 08 Oct 1999 14:20:45 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [52585] Looking for NightOwls [Fox]  
Message-ID: <37FE602D.3432BFCE@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Have decided to organize a Fox team after all.

Looking for individuals who operate most evenings  
on a regular basis and enjoy operating until  
late or early hours.

Looking for "NightOwls"

Reply direct Please.

What's the team sizes this year?

72/Ed we6w

--  
-Ed AR Millennium Q's=>1400/2000 QRP-L#1068 Old NC#2227  
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

Date: Fri, 8 Oct 1999 14:33:31 -0700 (PDT)  
From: Richard Fisher <ki6sn@yahoo.com>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Cc: russ@natworld.com  
Subject: [52586] Now Showing: October's ARS Sojourner  
Message-ID: <19991008213331.27785.rocketmail@web215.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Thanks to the work of many fine contributors and Russ Carpenter, AA7QU, our talented webmaster, the October edition of the Adventure Radio Society's monthly magazine, The ARS Sojourner, is now on display at:

<http://www.natworld.com/ars>

This month's edition has some great reading, indeed. The index gives a hint of what's in store.

- + "Borneo Highlands QRP: The Sudden Need for Codes," By Sylvester Liew, 9M8SL and Sylvester Mijel, 9W8SM.
- + "The Branch and the Bumblebee," By Tom Johnson, KQ6DV.
- + "The Super-Charged DSW-20," by OH2CF.
- + "The ARS QRP Lab Reviews the Elecraft K-2 HF Transceiver," by Russ Carpenter, AA7QU.
- + "From Our Vantage Point: T'is the Season," an ARS editorial.
- + "Who's Who And Who's New: New Members of the Adventure Radio Society."
- + Regular features including: Upcoming ARS Events, Announcing the November Spartan Sprint, results and soapbox comments from the October Spartan Sprint, Wilderness Alert and more.

We hope you enjoy this month's edition, and welcome your contributions, comments and criticisms. As always, thanks for your ongoing support of the Adventure Radio Society.

Vy 72,

Richard Fisher, KI6SN  
Executive editor, The ARS Sojourner

=====



-----  
Do You Yahoo!?  
Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Fri, 8 Oct 1999 17:30:23 -0500  
From: "Randy Jouett" <rules@bellsouth.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [52587] DSB or SSB Transmitter Kit  
Message-ID: <005e01bf11dc\$dc13b6a0\$60e498cd@spock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Gang,

I was wondering if there was a single band, DSB or SSB transmitter kit out there in kit land that can be easily tied to an external receiver and has inputs and switching that would allow for an easy CW transmitter add-on? If not, is there anyone out there planning on doing this in the not-to-distant future?

At first glance, I'd think that you could do something like this for \$50.00 or so and a lot of additional sideband sigs would be heard on the bands. So, what I'm wondering is if this doable or has it already been done? If not, I'd appreciate any suggestions on doing this in a home-brew manner.

TIA!

72/73,

-----  
Randy Jouett, AB5NI

-----  
Date: 8 Oct 1999 17:49:03 LOC  
From: <SFIKE@twa.com>  
To: <qrp-1@lehigh.edu>  
Subject: [52588] Topo Maps  
Message-ID: <19991008.174903.SFIKE@twa.com>

I just wanted to thank everyone who responded to my question on where to find

topographical maps. I received so many suggestions that I should be able to find a map for my area now. This reflector pulls through again with the answers as usual....

Thanks again,

72

Scott

-----  
Date: Fri, 08 Oct 1999 15:55:41 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [52589] Re: OSCILLATORS (10 MHz OXC0, Lab quality)  
Message-ID: <37FE766D.5A0D1362@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang, a WM-2 has been offered. Looks like all the 10 MHz OXC0's have homes.

Thanks for helping find homes for these Lab instruments.

I can hear measurements being made as we speak...

72/Ed we6w dit dit

--

-Ed AR Millennium Q's=>1400/2000 QRP-L#1068 Old NC#2227  
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

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End of QRP-L Digest 1602

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